

Volume

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R0512

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Township 30 South, Range 21 East

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Book "G"

FIELD NOTES

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY AND SUB-
DIVISION; INDEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,
THE EAST BOUNDARY AND PORTIONS OF THE SUBDIVISION AND SURVEY OF
PORTIONS OF THE SUBDIVISION COMPLETING SURVEY OF T. 30 S., R. 21 E.

Of the SALT LAKE *Meridian,*

In the State of UTAH

EXECUTED BY

Charles F. Moore and Robert C. Yundt, U. S. Surveyors

Under special instructions dated August 27, 1927, *which provided*
for the surveys included under Group No. 186, *bearing the approval of the*
Commissioner of the General Land Office under date of Sept. 20, 1927
and assignment instructions dated Sept. 20, 1927.

Survey commenced Oct. 3, 1927

Survey completed Nov. 10, 1927

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Township 30 South *Range* 21 East

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T. 30 S., R. 21 E.

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All lines colored in black surveyed by Chas. F. Moore,
U. S. Surveyor.

All lines colored in red surveyed by Robert C. Yundt,
U. S. Surveyor.

BR-512
T. 30 S., R. 21 E.

Chains Survey commenced October 3, 1927, and executed with Buff and Buff transits Nos. 9797 and 9220, equipped with the Smith solar attachment and full vertical circle. The horizontal limbs are provided with two double verniers, placed opposite each other and reading to single minutes of arc which is the least count of the verniers of the latitude and declination arcs and vertical circles.

The instruments were approved for use in this survey by the District Cadastral Engineer for Utah in Assignment Instructions dated September 20, 1927, conditional upon satisfactory field tests.

October 1, 1927, at my camp situated in sec. 33, T. 30 S., R. 21 E., approximate latitude $38^{\circ}09'N.$, longitude $109^{\circ}37'W.$, we examine the adjustments of the transits and correct all errors, then, test the solar apparatuses by comparing the indications resulting from solar observations made during a. m. and p. m. hours with a true meridian determined by observations on Polaris.

October 1, 1927, at same station, I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the east edge of ledge about one mile in the direction W. to Polaris.

Watch time of observation ----- 6h14m45s p.m.
Mean horizontal angle, ledge to Polaris $1^{\circ}19'15''$
Azimuth of Polaris $1^{\circ}19'36''$

True bearing to edge of ledge $NO^{\circ}0'21"E.$

October 2, 1927: At same station at 8h 00m a. m. apparent time, I set off $38^{\circ}09'N.$ on latitude arcs, $3^{\circ}19'S.$, on the declination arcs, and determine meridians with the solars which I find agree with the true meridian.

At apparent noon with the instruments in the meridian and the lat. arcs unchanged, I observe the sun on the meridian; the resulting readings of the decl. arcs are $3^{\circ}24'S.$, which agrees with the computed declination of the sun.

At apparent noon with the instrument in the meridian, I make a meridian observation of the sun for time and lat., observing simultaneously the altitude of the sun's upper limb and the transit of the sun's west limb reversing the telescope and observing simultaneously the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude	$48^{\circ}27'30''$
Reduced latitude	$38^{\circ}08'35"N$
Mean watch time of observation	12h07m58s
Watch fast of local mean time	18m20s.

At 4h. p.m. apparent time, I set off $38^{\circ}09'N.$ on the lat. arcs and $3^{\circ}26'00"S.$, on the declination arcs, and determine meridians with the solars which I find to agree with the true meridian.

As all the solar observations during the usual hours of solar work come within 30" of the true meridian, I conclude that the adjustments of the instruments are satisfactory.

The instruments were kept in good adjustment during the progress of the survey, frequent tests of the solar attachments having been made on the true meridian.

T. 30 S., R. 21 E.

Chains

Dec. 17, 1927: At the completion of the survey we again test the solar apparatuses on the true meridian established at my camp on Oct. 1, 1927, as follows:

At 9h00m a.m. apparent time, I set off $38^{\circ}09'N.$ on the lat. arcs and $23^{\circ}18'S.$, on the declination arcs and determine meridians with the solars which I find agree with the true meridian.

At apparent noon, with the lat. arcs unchanged, and the telescopes in the meridian, the resulting readings on the declination arcs agree with the computed declination.

At 3h00m p.m.; apparent time, with lat. arcs unchanged, I set off $23^{\circ}19'S.$, on the declination arcs and determine meridians with the solars which agree with the true meridian...

MEASUREMENTS

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 8 chs. in length compared with a Lufkin standard steel tape and found correct.

The measurements are made on the slope, the vertical angles determined, and the slope measurements properly reduced to true horizontal distances.

SURVEY S. BDY. T. 29 S., R 22 E.

The cor. of T. 29 S., Rs. 21 and 22 E., is missing; I therefore, restore the same by cardinal offsets under control of the witness cor. to the $\frac{1}{4}$ sec. cor., S. bdy. sec. 31, T. 29 S., R. 22 E., and the cor. of secs. 25, 30, 31 and 36, W. bdy., T. 29 S., R. 22 E., as follows:

From the cor. of secs. 31 and 32, T. 29 S., R. 22 E., which is a sandstone $20 \times 10 \times 3$ ins. 15 ins. in the ground, mkd. with 5 notches on the E., and 1 notch on the W. edge.

W. on retracement along S. bdy. of sec. 31.

23.70 Intersect the witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 6 and 31, which is a cross cut on sandstone boulder, $7 \times 5 \times 3$ ft. above ground, from which

A pinon, 4 ins. diam., bears S. $8^{\circ}E.$, 51 lks. dist. mkd. W. C. $\frac{1}{4}$ S. 6 B. T.

A pinon, 8 ins. diam., bears N. $64^{\circ}30'E.$, 29 lks. dist. mkd. W. C. $\frac{1}{4}$ S. 31 B. T..

79.44 (Record) Set temp. cor. for T. 29 S., Rs 21 and 22 E.

From the cor. of secs. 25, 30, 31 and 36, W. bdy. of T. 29 S., R. 22 E., which is a sandstone $30 \times 6 \times 6$ ins., 20 ins. in a mound of stone, mkd. with 1 notch on the S., and 5 notches on the N. edge, from which

A pinon, 10 ins. diam., bears N. $73^{\circ}E.$, 16 lks. dist. mkd. T. 29 S., R. 22 E. S. 30 B. T.

A pinon, 6 ins. diam., bears S. $52^{\circ}E.$, 76 lks. dist., mkd. T. 29 S. R. 22 E. S. 31 B. T.

RETRACEMENT OF S. EDY. T. 29 S., R. 21 E.

Chains

A cedar, 12 ins. diam., bears S. $33^{\circ}W.$, 15 lks. dist.
mkd. T. 29 S. R. 21 E. S. 36 B. T.

A cedar 10 ins. in diam., bears N. $85^{\circ}W.$, 79 lks.
dist., mkd. T. 29 S. R. 21 E. S. 25 B. T.

S. on retracement bet. secs. 31 and 36.

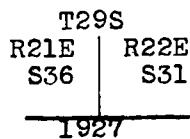
40.00 No trace of the $\frac{1}{4}$ sec. cor. could be found.

80.00 No trace of the old cor. of T. 29 S., Rs. 21 and 22 E.
could be found.

80.66 Fall 26 lks. W. of the temp. cor. of T. 29 S., Rs. 21 and
22 E.

I therefore restore the cor. of T. 29 S., Rs. 21 and 22 E.
at a point 66 lks. N. of the temp. T. cor. as follows:

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
the ground 20 ins. in large mound of stone, for the cor.
of T. 29 S., Rs. 21 and 22 E., with brass cap mkd.



at base of monument deposit sandstone 4x4x10 ins., mkd.
with cross (X).

No 3 in. iron post was available for this cor.

RETRACEMENT OF S. EDY. T. 29 S., R. 21 E.

From the cor. of T. 29 S., Rs. 20 and 21 E., hereinafter
described.

E. on retracement along S. bdy. of sec. 31.

1.27 Intersect the $\frac{1}{4}$ sec. cor., sec. 6 T. 30 S., R. 21 E.,
hereinafter described.

39.75 Fall 1 lk. S. of the $\frac{1}{4}$ sec. cor., sec. 31 T. 29 S., R.
21 E., hereinafter described.

Therefore, the bearing of this $\frac{1}{2}$ mile is N. $89^{\circ}59'W.$
and the distance is 39.75 chs.

Continue on same line with continuous measurement.

41.21 Fall 1 lk. S. of the cor. of secs. 5 and 6, T. 30 S., R.
21 E., hereinafter described.

83.48 No trace of the witness cor. of secs. 31 and 32 and the
witness corner, N. bdy., sec. 5, could be found.

119.75 Fall 4 lks. N. of the $\frac{1}{4}$ sec. cor., sec. 32 T. 29 S.,
R. 21 E., hereinafter described.

Therefore, the true bearing of the E. $\frac{1}{2}$ mile of S. bdy.
sec. 31 and the W. $\frac{1}{2}$ mile of the S. bdy., sec. 32 is N.
 $89^{\circ}58'W.$ and the proportionate distance for each $\frac{1}{2}$ mile
40.00 chs.

INDEPENDENT RESURVEY OF THE SOUTH BDY. T. 29 S., R. 21 E.

Chains	Independent Resurvey of the South Boundary, T. 29 S., R. 21 E., superseding the survey executed by E. Buettner, U. S. Deputy Surveyor in 1884. From the $\frac{1}{4}$ sec. cor., sec. 32, T. 29 S. R. 21 E., herein-after described E. on a random line, setting temp. $\frac{1}{4}$ sec. & sec. cors. at intervals of 40.00 chs.
1.26	Intersect the cor. of secs. 4, and 5, T. 30 S., R. 21 E. hereinafter described.
360.00	Fall 32 lks. S. of the reestablished cor. for T. 29 S, Rs. 21 and 22 E., heretofore described. Therefore the bearing of the E. $4\frac{1}{2}$ miles of this bdy. is S. $89^{\circ}57'W.$ and the distance is 360.00 chs. Thence, from the cor. of T. 29 S., Rs. 21 and 22 E: S. $89^{\circ}57'W.$, on true line, along S. bdy. Sec. 36. Over rough and broken bench land, through scattering timber and medium undergrowth.
1.96	Sandstone rim, bears N. and S., 100 ft. high; asc.
6.50	Low spur projects S., 220 ft. above T. cor.; desc.
15.50	Small draw, drains SE.
38.14	Point for the closing cor. for T. 30 S. Rs. 21 and 22 E., hereinafter described.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., for sec. 36 only, with brass cap mkd.
<u>$\frac{1}{4}$ S 36</u>	
1927	
from which	
A juniper, 6 ins. diam., bears N. $15\frac{1}{2}^{\circ}E.$, 4.38 chs. dist., mkd. $\frac{1}{4}$ S 36 B. T.	
No other bearing tree available.	
78.15	Midpoint bet. the closing cors. for T. 30 S., Rs. 21 and 22 E., and secs. 1 and 2, subsequently Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, 10 ins. in mound of stone, for the $\frac{1}{4}$ sec. cor. for sec. 1 only, with brass cap mkd.
<u>$\frac{1}{4}$ S 1</u>	
1927	
from which	
A juniper, 3 ins. diam., bears S. $64\frac{1}{4}^{\circ}W.$, 59 lks. dist., mkd. B. T.	
A pinon, 6 ins. diam., bears S. $86\frac{1}{4}^{\circ}E.$, 25 lks. dist. mkd. $\frac{1}{4}$ S 1 B. T.	

Chains

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
the ground, 20 ins. in large mound of stone, for the cor.
for sec. 35 and 36, T. 29 S. R. 21 E., with brass cap
mkd.

T29S	R21E
S35	S36

1927

from which

A pinon, 8 ins. diam., bears N. $20\frac{3}{4}^{\circ}$ E., 205 lks.
dist. mkd. T 29 S R 21 E S 36 B T.

A juniper, 8 ins. diam., bears N. 4° W., 245 lks.
dist., mkd. T 29 S R 21 E S 35 B T.

Land, rough and broken, general drainage and exposure SW.

Soil, sandy loam, sandstone outcroppings; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, sagebrush, black brush, amole plant and
mountain rush.

Fair grazing land.

Line to the west passes over the head of box canyon with vertical walls, over which chaining is impracticable.

S. $89^{\circ}57'W.$, on true line along the S. bdy. of sec. 35.

Over rough and broken bench land, through medium growth
of timber and undergrowth.

- 38.16 Point for the closing cor. secs. 1 and 2, T. 30 S., R. 21 E., hereinafter described.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross
(X) cut in solid rock, 30 ins. in large mound of stone,
for the $\frac{1}{4}$ sec. cor., sec. 35, with brass cap mkd.

$\frac{1}{4}$ S. 35

1927

from which

A pinon, 3 ins. in diam., bears N. $16\frac{1}{2}^{\circ}$ E., 38 lks.
dist. mkd. B T.

A juniper, 3 ins. in diam., bears N. 60° W., 72 lks.
dist., mkd. B T.

- 41.04 The line to the west passes over the head of box canyon with vertical walls, over which chaining is impracticable. Therefore, I triangulate as follows:

Erect flag "A" at this point, and erect flag "B" on line to the west, from "A" survey base, S. $0^{\circ}03'W.$, 10.57 chs. dist., and erect flag "C" from "C" flags AB subtend an angle of $65^{\circ}18'$

INDEPENDENT RESURVEY OF SOUTH EDY. T. 29 S. R. 21 E.

Chains

S. $89^{\circ}57'W.$
22.98 chains.

10.57 obs.
65°18'

Dist. on line----- 41.04 chs.
Dist. by triangulation----- 22.98 "
Total distance on line ----- 64.02 "

- 41.10 Left rim of box canyon, bears NW. and SE.
- 44.00 Approximate distance, bottom of box canyon, drains SW., 400 ft. below left rim.
- 48.00 Approximate dist. right rim of box canyon, bears NE. and SW., 400 ft. above bottom of canyon. Continue over broken bench land.
- 64.02 Point "B" of triangulation.
- 78.385 Midpoint bet. the closing cors. for secs. 1 and 2, and secs. 2 and 3, T. 30 S., R. 21 E., subsequently
Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the $\frac{1}{4}$ set. cor., for sec. 2, T. 30 S., R. 21 E., with brass cap mkd.

— S 2 —

1927

from which

A pinon, 3 ins. diam., bears S. $43\frac{1}{2}^{\circ}E.$, 106 lks. dist., mkd. BT.

A pinon, 3 ins. diam., bears S $82^{\circ}W.$, 40 lks. dist. mkd. BT.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the cor. of secs. 34, and 35, T. 29 S., R. 21 E., with brass cap mkd.

T29S | R21E
S34 | S35

1927

from which

A pinon, 6 ins. diam., bears N. $32\frac{1}{2}^{\circ}E.$, 89 lks. dist. mkd. T 29 S R 21 E S 35 B T.

A pinon, 6 ins. diam., bears N. $9^{\circ}W.$, 51 lks. dist., mkd. T 29 S R 21 E S 34 B T.

Land, rough, and broken bench, general drainage and exposure SW.

Soil, sandy loam, mixed with sandstone; 3 rd rate.

Timber, medium growth of pinon and juniper.

INDEPENDENT RESURVEY OF SOUTH BDY. T. 29 S., R. 21 E.

Chains

Undergrowth, sage brush, blackbrush, and amole plant.

Fair grazing land.

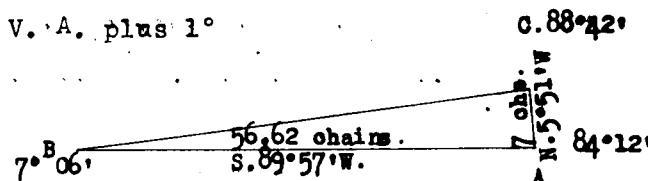
S. $89^{\circ}57'W.$, on true line, along the S. bdy., sec. 34, over rough broken bench land, through medium growth of timber and undergrowth.

1.00 Small draw, drains S.

12.70 Sandstone butte, projects N. and S. about 5 chs.

21.86 The line to the west, crosses box canyon, with vertical walls over which chaining is impracticable. To obtain measurement I triangulate as follows:

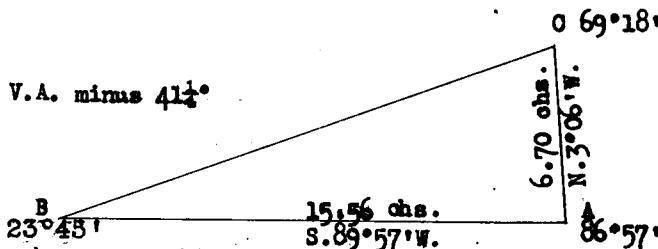
Erect flag "A" at this point, and erect flag "B" on line to the west, and from "A" survey base, N. $5^{\circ}51'W.$, 7.00 chs. dist., and erect flag "C", from flag "C" flags "AB" subtend angle of $88^{\circ}42'$; from "B" flag "AC" subtend an angle of $7^{\circ}06'$; all angles checked by repetition and the base double chained



Distance on line ----- 21.86 chs.
 Distance by triangulation ----- 56.62 "
 Total distance on line to flag "B" ----- 78.48 chs.

23.05 Left rim of box canyon with vertical walls bears NW. and SE.; over which chaining is impracticable; to obtain measurement I triangulate as follows:

Erect flag "A" at this point, and erect flag "B" in canyon on line to the west, from flag "A" survey base N. $3^{\circ}06'W.$, 6.70 chs. dist., and erect flag "C", from flag "C" flags "AB" subtend an angle of $69^{\circ}18'$; from "B" flag "AC" subtend an angle of $23^{\circ}45'$; all angles check by repetition and base line double chained.



Distance on line ----- 23.05 chs.
 Distance by triangulation ----- 15.56 "
 Total distance on line to flag "B" ----- 38.61 "
 By return measurement ----- 1.51 "
 ----- 37.10 "

37.10 S. of my line, 58 lks. dist., is a witness point on the S. bdy. sec. 34, set by Rathbone and Mason, in 1916, which is a cross (X) cut on top of sandstone boulder. I destroy all evidence of this witness point.

38.61 Point for the closing cor. bet. secs. 2 and 3, T. 30 S. R. 21 E., hereinafter described.

INDEPENDENT RESURVEY OF SOUTH BDY., T. 29 S., R. 21 E.

Chains

38.87

S. of my line, 58 lks. dist., is the cor. for secs. 2 and 3, T. 30 S. R. 21 E., set by Rathbone and Mason, which is an iron post, 2 ins. in diam., firmly set in the ground and mound of stone, with brass cap mkd.

T29S	R21E
S	34
S 3	S 2
T30S	R21E
1916	

I destroy all evidence of this cor.

39.71

Set an iron post, 3 ft. long, 1 in in diam., over cross (X) cut in solid rock and in a large mound of stone, for the witness cor. to the $\frac{1}{2}$ sec. cor., sec. 34, T. 29 S. R. 21 E., with brass cap mkd.

<u>$\frac{1}{2}$ S 34</u>	
WC	
1927	

No other accessories available.

40.00

True point for the $\frac{1}{2}$ sec. cor., sec. 34, falls in bottom of wash drains S. No cor. set.

40.13

S. of my line 58 lks. dist., is the $\frac{1}{2}$ sec. cor., for sec. 34, set by Rathbone and Mason, which is an iron post, 1 in. diam., firmly set in mound of stone, with brass cap mkd.

<u>$\frac{1}{2}$ S 34</u>	
--------------------------------------	--

1916

I destroy all evidence of this cor.

58.48

S. of my line, 58 lks. is a witness point on the S. bdy. sec. 34, set by Rathbone and Mason, which is a cross (X) cut on solid rock, sandstone ledge, I destroy all evidence of this witness point.

78.48

Point "B" of triangulation; Right rim of box canyon, bears NE. and SW., 640 ft. above bottom of wash.

78.66

Midpoint bet. the closing cors. for secs. 2 and 3, and secs. 3 and 4, T. 30 S., R. 21 E.; subsequently

Set an iron post; 3 ft. long, 1 in diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the $\frac{1}{2}$ sec. cor., for sec. 3, T. 30 S. R. 21 E., with brass cap mkd.

<u>$\frac{1}{2}$ S 3</u>	
1927	

from which

A pinon, 6 ins. in diam., bears S. 71° E., 32 lks. dist., mkd. $\frac{1}{2}$ S 3 B T.

A pinon, 3 ins. in diam., bears S 2° E., 26., lks. dist., mkd. BT.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the cor. of secs. 33 and 34, T. 29 S. R. 21 E., with brass cap mkd.

T29S	R 21E
S33	S34
1927	

INDEPENDENT RESURVEY OF SOUTH BDY. T. 29 S., R. 21 E.

Chains

from which

A pinon, 6 ins. diam., bears N. $31\frac{1}{2}$ ^oE., 63 lks. dist.
mkd. T 29S R 21 E S 34 B T.

A pinon, 6 ins. in diam., bears N. 68° W., 105 lks.
dist., mkd. T 29 S R 21 E S 33 B T.

Land, rough and broken bench, general drainage and ex-
posure SW.

Soil, sandy loam, mixed with sandstone; 3rd rate.

Timber, juniper and pinon.

Undergrowth, blackbrush, sage brush and mountain rush.

Fair grazing land.

S. $89^{\circ}57'W.$, on true line along the S. bdy. sec. 33.

Over rough broken bench land, through medium growth of
timber and undergrowth.

38.71 Point for the closing cor. for secs. 3 and 4, T. 30 S.,
R. 21 E., hereinafter described.

40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross on
solid rock, 30 ins. in mound of stone, for the $\frac{1}{4}$ sec. cor.
sec. 33, T. 29 S. R. 21 E., with brass cap mkd.

$\frac{1}{4}$ S 33

1927

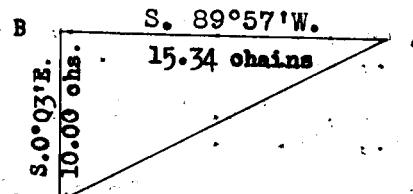
from which

A pinon, 3 ins. diam., bears N. 19° E., 76 lks. dist.,
mkd. B T.

A pinon, 6 ins. diam., bears N. $26\frac{1}{2}$ ^oW., 1.24 chs.
dist., mkd. $\frac{1}{4}$ S 33 B T.

64.40 The rim of Hatch Point, bears NW. and SE. The line to
the west descends over the rim of Hatch Point, which is
300 ft. high over which chaining is impracticable, there-
fore to determine distance on line I triangulate as follows:

Erect flag "A" at this point and erect flag "B" on line
below the rim; from flag "B" survey base line S. $0^{\circ}03'E.$,
10 chs. dist. and erect flag "C", from "C" "AB" subtends
and angle of $56^{\circ}54'$., vertical angle 31° ., all angles
check by repetition and base line double chained.



Distance on line-----	64.40 chs.
Distance by triangulation-----	15.34 "
Total distance to "B" -----	79.74 "
By return measurement -----	1.015"
	78.725"

INDEPENDENT SURVEY OF SOUTH BDY. T. 29 S., R. 21 E.

Chained

- 78.726 Midpoint bpt. the closing cor. for secs. 3 and 4, and the cor. for secs. 4 and 5, T. 30 S., R. 21 E., subsequently set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, 30 ins. in mound of stone, for the sec. cor., sec. 4, T. 30 S. R. 21 E., with brass cap mkd.

1887

No other accessories available

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid rock, 30 ins. in large mound of stone, for the cor. of secs. 32, and 33, T. 29 S., R. 21 E., with brass cap mkd.

T293 R21E
332 | 333

1916

No other accessories available.

Land, rough and broken bench, precipitous slopes, General drainage and exposure SW.

Soil, sandy loam mixed with sandstone; 3rd rate

Timber, juniper and piñon.

Undergrowth, sage brush, blackbrush and mountain rush.

Fair grazing land.

S. 89°57'W., on true line, along the S. bdy. sec. 32.

Along south talus slope of Hatch Point, over large boulders and through medium undergrowth.

- 80.74 Intersect the cor. of secs. 4, and 5, T. 30 S. S. R. 21 E. which is an iron post, 2 ins. in diam., firmly set in the ground and mound of stone, with brass cap mkd.

T293 R21E
8 32
8 5 | 3 4
T303 R21E

1916

DEPENDENT SURVEY

Reestablishment of surveys executed by Rathbone and Mason in 1916.

- 80.00 Intersect the $\frac{1}{2}$ sec. cor., sec. 32, T. 29 S. R. 21 E., which is an iron post, 1 in. diam., firmly set in the ground and mound of stone, with brass cap mkd.

1887

1916

Thence N. 89°58'W., with continuous measurement.

DEPENDENT RESURVEY OF THE SOUTH BDY. T. 29 S., R. 21 E.

Chains

Asc. along SE. slope.

56.00 Top of ledge, 100 ft. high, bears NE. and SW.

77.93 Top of spur, project S., 160 ft. above $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid rock, 30 ins. in large mound of stone, for the witness cor. to the cor. of secs. 31 and 32, T. 29 S. R. 21 E., and the $\frac{1}{4}$ sec. cor., of sec. 5, T. 30 S. R. 21 E., with brass cap mkd.

	T29S	R21E
WC	S31	S32

$\frac{1}{4}$ S 5
1927

No other accessories available.

78.64 Midpoint bet. the cors. for secs. 4 and 5, and 5 and 6, falls on sloping sandstone ledge, impracticable to set $\frac{1}{4}$ sec. cor.

80.00 True point for the cor. of secs. 31 and 32, T. 29 S., R 21 E., falls on sloping sandstone, impracticable to set cor.

Land, broken talus slope, general SE. exposure and drainage.

Soil, sandy loam mixed with sandstone, 3rd rate.

Timber, none.

Undergrowth, blackbrush and sage brush.

Fair grazing land.

N. $89^{\circ}58'W.$, along S. bdy. sec. 31.

Desc. over precipitous SW. slope.

38.54 Intersect the cor. of secs. 5 and 6, T. 30 S., R. 21 E., which is an iron post, 2 ins. in diam., firmly set in the ground and a mound of stone, with brass cap mkd.

T29S	R21E
S	31
S 5	S 6
T30S	R21E

1916

40.00 Intersect the $\frac{1}{4}$ sec. cor., for sec. 31, which is an iron post, 1 in. in diam., firmly set in the ground, with brass cap mkd.

$\frac{1}{4}$ S 31
1927

Thence S. $89^{\circ}59'W.$, with continuous measurement.

42.00 Small draw, drains SE., 630 ft. below top of spur.

48.30 Top of spur, projects S., 60 ft. above bottom of draw,

Thence over bench land, gradual SW. slope.

78.48 Intersect the $\frac{1}{4}$ sec. cor., for sec. 6; T. 30 S. R. 21 E.

10.
DEPENDENT RESURVEY OF THE SOUTH BDY. T. 29 S., R. 21 E.

Chains

which is an iron post, 1 in. in diam., firmly set in the ground and a mound of stone, with brass cap mkd.

‡ S 6

1916

79.75 Intersect the cor. of T. 29 S., R's. 29 and 21 E., which is an iron post, 3 ins. in diam., firmly set in the ground, and a large mound of stone, with brass cap mkd.

R20E	T29S
S36	R21E
<u>T30S</u>	<u>S31</u>
S 6	R21E

1916

Land, talus slopes and bench; general SW. drainage and exposure.

Soil, sandy loam mixed with sandstone; 3rd rate.

Timber, none.

Undergrowth, sage brush, blackbrush, amole plant and mountain rush.

Fair grazing land.

NOTE! No trace of any of the corners of the Buettner 1884 survey could be found along this line.

INDEPENDENT RESURVEY E. BDY. T. 30 S., R. 21 E.

Independent Resurvey, superseding the survey executed by Thomas Rathbone and Howard Mason, U. S. Surveyors in 1916.

From the standard cor. for secs. 31 and 36, T. 30 S., Rs. 21 and 22 E., which is an iron post, 3 ins. in diam., firmly set in the ground and a mound of stone, with brass cap mkd.

R 21 E	SC
<u>S36</u>	<u>T 30 S</u>
	R 22 E
	<u>S31</u>

1916

N. bet. secs. 31 and 36.

Over top of mesa covered with medium growth of timber and undergrowth.

10.00 Top of low ridge, 20 ft. above St. cor., bears NE. and SW.; desc.

14.00 Trail, bears NW. and SE..

40.00 Intersect the old $\frac{1}{4}$ sec. cor., for secs. 31 and 36, which is a sandstone, 12x14. ins., 10 ins. above ground mkd. $\frac{1}{4}$ S 31 on E. face; $\frac{1}{4}$ S 36 on W. face, set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.

‡ S 36 | S 31

1927

INDEPENDENT RESURVEY OF THE EAST BDY. T. 30 S., R. 21 E.

14.

Chains

enlarged

from which

A pinon, 20 ins. in diam., bears N. 55° E., 24 lks.
dist., mkd. $\frac{1}{4}$ S 31 B T.

A juniper 20 ins. in diam., bears S $20\frac{3}{4}^{\circ}$ W., 42 lks.
dist., mkd. $\frac{1}{4}$ S 36 B T.

These are the original bearing trees relocated.

56.00 Bottom of draw, drains NE., 200 ft. below ridge; asc.

64.00 Low spur, 50 ft. above draw, project NE.

80.00 On N. slope, 105 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., over cross
(X) cut in solid rock, 30 ins. in large mound of stone,
with brass cap mkd.

T30S	
R21E	R22E
S25	S30
S36	S31

1927

from which

A pinon, 6 ins. diam., bears N. $46\frac{1}{2}^{\circ}$ E., 45 lks. dist.
mkd. T 30 S R 22 E S 39 B T.

A pinon, 8 ins. diam., bears S $11\frac{3}{4}^{\circ}$ E., 32 lks.
dist., mkd. T 30 S R 22 E S 31 B T.

A pinon, 8 ins. diam., bears S $71\frac{1}{2}^{\circ}$ W., 50 lks. dist.
mkd. T 30 S R 21 E S 36 B T.

A pinon, 4 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ W., 47 lks. dist.
mkd. T 30 S R 21 E S 25 B T.

Land, broken mesa, general drainage and exposure NE.

Soil, sandy loam, surface sandstone; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sage brush and blackbrush.

Fair grazing land.

N. bet. secs. 25 and 30.

Over broken mesa land, through medium growth of timber
and undergrowth.

0.06

W. of my line 17 lks. dist. is the old cov. for secs.
25, 30, 31 and 36, which is a sandstone 12x6 ins. 5 ins.
above the ground, mkd. with 5 notches on the N., and 1
notch on S. edge; from which

A pinon 7 ins. diam., bears N. 15° E., 40 lks. dist.,
mkd. T. 30 S R 22 E S 30 B T.

A pinon 9 ins. diam., bears S 42° E., 46 lks. dist.,
mkd. T 30 S R 22 E S 31 B T.

1927

INDEPENDENT RESURVEY OF THE EAST EDY. T. 30 S., R. 21 E.

Chains

A pinon 12 ins. diam., bears S. $80^{\circ}W.$, 58 lks. dist., mkd. T 30 S R 21 E S 36 B T.

A pinon 8 ins. diam., bears N. $40^{\circ}W.$, 40 lks. dist., mkd. T 30 S R 21 E S 25 B T.

I destroy all evidence of this cor.

2.50 Canyon, 100 ft. deep, and 2.50 chs. wide drains E.; asc.

25.00 Spur, projects E., 140 ft. above sec. cor.; desc.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S25	S30
-----	-----

1927

from which

A juniper 8 ins. diam., bears S $3\frac{1}{4}^{\circ}E.$, 38 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

No other suitable bearing tree available.

40.03 W. of my line, 22 lks. dist., is the old $\frac{1}{4}$ sec. cor., which is a sandstone, 10x5 ins., 6 ins. above the ground mkd. with $\frac{1}{4}$ S 30 on E. face, from which

A juniper 9 ins. diam., bears S. $47^{\circ}E.$, 51 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

A pinon, 12 ins. diam., bears S. $50^{\circ}W.$, 53 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.

I destroy all evidence of this cor.

64.00 Draw, .75 ft. below $\frac{1}{4}$ sec. cor., drains E.; asc.

80.00 On Se. slope, 120 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for the cor. of secs. 19, 24, 25 and 30, with brass cap mkd.

T 30 S	
R21E	R22E
<u>S24</u>	<u>S19</u>
S25	S30

1927

from which

A juniper 14 ins. diam., bears N. $88\frac{1}{4}^{\circ}E.$, 41 lks. dist., mkd. T 30 S R 22 E S 19 B T.

A pinon 6 ins. diam., bears S. $43\frac{1}{2}^{\circ}E.$, 182 lks. dist., mkd. T 30 S R 22 E S 30 B T.

A pinon 6 ins. diam., bears S. $72^{\circ}W.$, 99 lks. dist., mkd. T 30 S R 21 E S 25 B T.

A pinon, 8 ins. diam., bears N. $6\frac{1}{2}^{\circ}W.$, 698 lks. dist., mkd. T 30 S R 21 E S 24 B T.

INDEPENDENT RESURVEY OF THE EAST BDY. T. 30 S., R. 21 E.

Chains	Land, broken mesa, general drainage and exposure NE. Soil, sandy loam, and sandstone surface rock; 3rd rate. Timber, juniper and pinon. Undergrowth, sage brush, and blackbrush and amole plant. Fair grazing land.
	N. bet. secs. 19 and 24. Over broken mesa land, through medium growth of timber, and undergrowth. Asc. gradual SE. slope.
0.14	W. of my line, 26 lks. is the old cor. for secs. 19, 24, 25 and 30, which is a sandstone, 12x10x10 ins., set in a mound of stone, with 4 notches on N. edge, and 2 notches on the S. edge, from which A juniper 9 ins. diam., bears N. 85°E., 59 lks. dist., mkd. T 30 S R 22 E S 19 B T. A pinon 8 ins. diam., bears S 50°E., 142 lks. dist., mkd. T 30 S R 22 E S 30 B T. A pinon, 6 ins. diam., bears S 7°W., 96 lks. dist., mkd. T 30 S R 21 E S 25 B T. A juniper, 8 ins. diam., bears N. 10°W., 694 lks. dist., mkd. T 30 S R 21 E S 24 B T. I destroy all evidence of this cor.
10.00	Low spur, projects northeast.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S24 S19 1927
	from which A pinon 6 ins. diam., bears N. $84\frac{1}{2}$ °E., 25 lks. dist., mkd. $\frac{1}{4}$ S 19 B T. A pinon 12 ins. diam., bears N. $57\frac{1}{2}$ °W., 70 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.
40.17	W. of my line 42 lks. dist., is the old $\frac{1}{4}$ sec. cor., which is a sandstone, 12x3 ins., 8 ins. above the ground, mkd. $\frac{1}{4}$ on E. face and X on W. face from which A juniper 8 ins. in diam., bears S. 75°E., 42 lks. dist., mkd. $\frac{1}{4}$ S 19 B T. A pinon, 10 ins. diam., bears N. 55°W., 46 lks. dist. mkd. $\frac{1}{4}$ S 24 B T. I destroy all evidence of this cor.
54.00	Bottom of box canyon, drains NE., 200 ft. below $\frac{1}{4}$ sec. cor.; small seep in bottom of canyon; asc.

INDEPENDENT RE-SURVEY OF THE EAST EDY. T. 30 S., R. 21 E.

Chains									
69.00	Sandstone spur, 210 ft. above bottom of canyon; projects E.; desc.								
72.00	Gulch, 40 ft. below top of spur, drains E.; asc.								
74.00	Top of vertical rim, 150 ft. high, bears E. and W.								
	Thence over bench land.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 13, 18, 19 and 24 with brass cap mkd.								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">T30S</td> </tr> <tr> <td>R21E</td><td>R22E</td> </tr> <tr> <td>S13</td><td>S18</td> </tr> <tr> <td>S24</td><td>S19</td> </tr> </table>	T30S		R21E	R22E	S13	S18	S24	S19
T30S									
R21E	R22E								
S13	S18								
S24	S19								
	1927								
	from which								
	A juniper 4 ins. diam., bears N. 13° E., 76 lks. dist., mkd. T 30 S R 22 E S 18 B T.								
	A pinon 6 ins. diam., bears S. $27\frac{1}{2}^{\circ}$ E., 100 lks. dist., mkd. T 30 S R 22 E S 19 B T.								
	A pinon 12 ins. diam., bears S. $39\frac{3}{4}^{\circ}$ W., 103 lks. dist., mkd. T 30 S R 21 E S 24 B T.								
	A juniper 6 ins. diam., bears N. $47\frac{1}{4}^{\circ}$ W., 108 lks. dist., mkd. T 30 S R 21 E S 13 B T.								
	Land, rough and broken, general drainage and exposure NE.								
	Soil, sandy loam and surface sandstone; 3rd rate.								
	Timber, juniper and pinon.								
	Undergrowth, sage brush and blackbrush.								
	Fair grazing land.								
	<hr/>								
	N. bet. secs. 13 and 18.								
	Over broken bench land, through medium growth of pinon and juniper timber and undergrowth.								
0.20	W. of my line 57 lks. dist. is the old cor. for secs. 13, 18, 19 and 24, which is a sandstone, 12x2 ins., 15 ins. above ground, mkd. with 3 notches on the N. face, from which								
	A juniper 10 ins. diam., bears N. $51\frac{1}{2}^{\circ}$ E., 37 lks. dist., mkd. T 30 S R 22 E S 18 B T.								
	A pinon 12 ins. diam., bears S. 42° E., 81 lks. dist., mkd. T 30 S R 22 E S 19 B T.								
	A pinon 9 ins. diam., bears S. $30\frac{1}{2}^{\circ}$ W., 98 lks. dist., mkd. T 30 S R 21 E S 24 B T.								
	A juniper 9 ins. diam., bears N. $18\frac{1}{2}^{\circ}$ W., 67 lks. dist., mkd. T 30 S R 21 east S 13 B T.								
	I destroy all evidence of this cor.								

INDEPENDENT RESURVEY OF THE EAST BDY. T. 30 S., R. 21 E.

Chains

- 20.00 Spur, 40 ft. above sec. cor., projects SE; desc. 00. 10
 39.70 Draw, drains NE., 50 ft. below spur; asc.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground, 20 ins. in large mound of stone, for the $\frac{1}{4}$ sec.
 cor., with brass cap mkd.

$\frac{1}{4}$
 S 13 | S 18
 1927

from which

A pinon 6 ins. diam., bears N. $65^{\circ}E.$, 31 lks. dist.,
 mkd. $\frac{1}{4}$ S 18 B T.

A pinon, 7 ins. diam., bears N. $89\frac{1}{2}^{\circ}W.$, 75 lks.
 dist., mkd. $\frac{1}{4}$ S 13 B T.

- 40.03 W. of my line, 66 lks. dist., is the old $\frac{1}{4}$ sec. cor.,
 which is a sandstone, 15x3 ins., 12 ins. above the ground,
 mkd. with $\frac{1}{4}$ on W. face, from which

A pinon, 7 ins. diam., bears S. $40^{\circ}E.$, 52 lks. dist.,
 mkd. $\frac{1}{4}$ S 18 B T.

A pinon, 8 ins. diam., bears S. $30^{\circ}W.$, 22 lks., dist.
 mkd. $\frac{1}{4}$ S 13 B T.

I destroy all evidence of this cor..

- 48.50 Point of sandstone spur, projects E., 20 ft. above $\frac{1}{4}$
 sec. cor.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross
 (X) cut in solid surface rock, 30 ins. in large mound of
 stone, for the cor. of secs. 7, 12, 13 and 18, with brass
 cap mkd.

T30S
 R21E | R22E
 S12 | S 7
 S13 | S18

1927

from which

A juniper, 12 ins. diam., bears N. $65\frac{3}{4}^{\circ}E.$, 67
 lks. dist., mkd. T 30 S R 22 E S 7 B T.

A pinon, 8 ins. diam., bears S. $41\frac{1}{2}^{\circ}W.$, 23 lks.
 dist., mkd. T 30 S R 21 E S 13 B T.

A juniper 3 ins. diam., bears N. $49\frac{1}{2}^{\circ}W.$, 41 lks.
 dist., mkd. B T.

No other trees available.

Land rough and broken bench; general drainage and ex-
 posure NE.

Soil, shallow sandy loam; 3rd rate.

Timber, juniper and pinon.

INDEPENDENT RESURVEY OF THE EAST BDY. T. 30 S., R. 21 E.

Chains	<p>Undergrowth, sage brush and mountain rush.</p> <p>Fair grazing land.</p> <hr/> <p>N. bet. secs. 7 and 12.</p> <p>Over rough and broken mesa land, scattering timber and undergrowth.</p> <p>W. of my line 76 lks. dist., is the old cor. of secs., 7, 12, 13 and 18, which is a sandstone, 8x2 ins., 26 ins. above the ground, mkd. with 4 notches on the S. edge, and 2 notches on the N. edge, from which</p> <p>A pinon, 8 ins. diam., bears N. 20°E., 35 lks. dist., mkd. T 30 S R 22 E S 7 B T.</p> <p>A pinon, 10 ins. diam., bears S. 65°E., 76 lks., dist., mkd. T 30 S R 22 E S 18 B T.</p> <p>A juniper 7 ins. diam., bears S.. 35°W., 21 lks. dist., mkd. T 30 S R 21 E S 13 B T.</p> <p>A pinon 5 ins. diam., bears N. 50°W., 62 lks. dist., mkd. T 30 S R 21 E S 12 B T.</p> <p>I destroy all trace of this cor.</p> <p>Vertical rim of Hart Point, bears NE. and SW., 400 ft. high, over which chaining is impracticable. Therefore, to obtain measurement I triangulate as follows:</p> <p>Erect flag "A" at this point, and set flags "B" and "C" on line to the north. There being no suitable base at this point, I proceed to flag "B", and from "B" survey base line, East 6.70 chs. dist., and erect flag "E"; from "E", flags "AB" subtend an angle of $78^{\circ}53'$, and flags "BC" subtend an angle of $78^{\circ}37'$. All angles checked by repetition and the base line double chained.</p> <p>Distance on line----- 6.24 chs. Distance by triangulation A to B ----- 34.10 " Total distance on line to B ----- 40.34 " Distance by return measurement----- .34 Distance by triangulation B to C ----- 40.00 Total distance on line to C ----- 33.28 Total distance on line to C ----- 73.62</p>
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INDEPENDENT RESURVEY OF THE EAST DIV. T. 30 S., R. 21 E.

Chains

- 20.00 Approximate distance bottom of canyon, 800 ft. below rim,
drains NE.
Thence over bottom of canyon,
40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (x)
cut in solid rock, 30 ins. in large mound of stone, for the
sec. cor., with brass cap mkd.

S 12	S 7
------	-----

1927

from which

A juniper 2 ins. diam., bears N. $3\frac{1}{4}^{\circ}$ E., 27 lks. dist.,
mkd. B T.

A juniper 4 ins. diam., bears N. $57\frac{3}{4}^{\circ}$ W., 113 lks.
dist., mkd. $\frac{1}{4}$ S. 12 B T.

- 40.30 W. of my line, 76 lks. dist. is the old $\frac{1}{4}$ sec. cor., which
is an iron post, 1 in. diam., firmly set in large mound of
stone, with brass cap mkd.

S 12	S 7
------	-----

1916

from which

A juniper, 10 ins. diam., bears N. 28° W., 34 lks.
dist., mkd. $\frac{1}{4}$ S 12 B T.

A juniper, 7 ins. diam., bears S. 47° E., 58 lks. dist.,
mkd. $\frac{1}{4}$ S 7 B T.

I destroy all evidence of this cor.

- 40.34 Point "B" of triangulation.
45.36 A small spring of good water, bears W. 8.60 chs. dist.
51.35 No trace of the old W. P. could be found.
Foot of talus slope, bears NE. and SW.
Thence by triangulation.
73.62 Point "C" of triangulation. Top of rim of Hart Point,
bears N. 10° E., and S. 10° W., Thence over top of mesa.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., over cross
(X) cut in solid rock, 30 ins. in large mound of stone,
for the cor. of secs. 1, 6, 7 and 12, with brass cap mkd.

T30S	
R21E	R22E
S1	S6
S12	S 7

1927

from which

INDEPENDENT RESURVEY ON THE EAST BDY. T. 30 S., R. 21 E.

Chains

A pinon, 4 ins. diam., bears N. $46^{\circ}E.$, 27 lks. dist., mkd. T. 30 S. R 22 E S 6 B T.

A pinon 4 ins. diam., bears S. $21\frac{1}{2}^{\circ}E.$, 66 lks. dist., mkd. T. 30 S. R 22 E S 7 B T.

A pinon, 10 ins. diam., bears S. $55\frac{3}{4}^{\circ}W.$, 76 lks. dist., mkd. T 30 S R 21 E S 12 B T.

A pinon, 6 ins. diam., bears N. $17\frac{1}{4}^{\circ}W.$, 61 lks. dist., mkd. T 30 S R 21 E S 1 B T.

E. of my line, 12.13 chs. dist. is the old witness cor. to the cor. of secs. 1, 6, 7, and 12, which is a sandstone $20 \times 18 \times 4$ ins. firmly set in mound of stone, mkd. 1 notch on the N. and 5 notches on the S. edge and W.C. on the NE. face. I destroy all evidence of this cor.

Land, rough and broken mesa land, general drainage and exposure NE.

Soil, sandy, loam and sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sage brush and blackbrush.

Fair grazing land.

N. bet. secs. 1 and 6

Over broken bench land, through medium growth of timber and undergrowth.

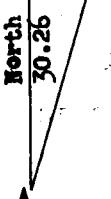
9.89 N. rim of Hart Point, bears E. and W., 200 ft. high.

The line to the north descends over the vertical rim of Hart Point, over which chaining is impracticable.

Therefore to determine the distance I triangulate as follows:

Erect flag "A" at this point and flag "B" on line north, from flag "B" survey base line E. 7.20 chs. dist., and erect flag "C". From "C" flags "AB" subtend an angle of $76^{\circ}37'$. All angles checked by repetition and the base line double chained.

B East C $76^{\circ}37'$
7.20
chs.
ch.
ch.
ch.
ch.



V.A. minus $25\frac{1}{2}^{\circ}$

INDEPENDENT RESURVEY OF THE EAST BDY. T. 30 S., R. 1 E.

Chains

Distance on line -----	9.89 chs.
Distance by triangulation -----	30.26 "
Total distance on line -----	40.15 "
By return measurement -----	<u>13.46 "</u>
	26.69 "

- 26.69 No trace of the old witness point could be found
Foot of talus slope, bears E. and W. Thence over bench land in Hart Draw.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor. with brass cap mkd.

S 1 | S 6
1927

raise a mound of stone, $2\frac{1}{2}$ ft. base, and $1\frac{1}{2}$ ft. high W. of the cor.

- 40.15 Point B of triangulation

- 40.27 W. of my line, 70 lks. dist. is the old $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., firmly set in the ground, with brass cap mkd.

S 1 | S 6
1916

With a mound of stone W. of the cor.

I destroy all evidence of this cor.

- 46.95 Set flag for future triangulation

- 52.48 Bottom of Hart Draw, 3 chs. wide and 10 ft. deep, drains NW., 40 ft. below $\frac{1}{4}$ sec. cor.

- 80.26 W. of my line 76 lks. dist. is a witness point, which is an iron post, 3 ins. diam., firmly set in large mound of stone, with brass cap mkd.

WP
S 1 | S 6
1916

INDEPENDENT RESURVEY OF THE EAST BDY. OF T. 30 S., R. 21 E.

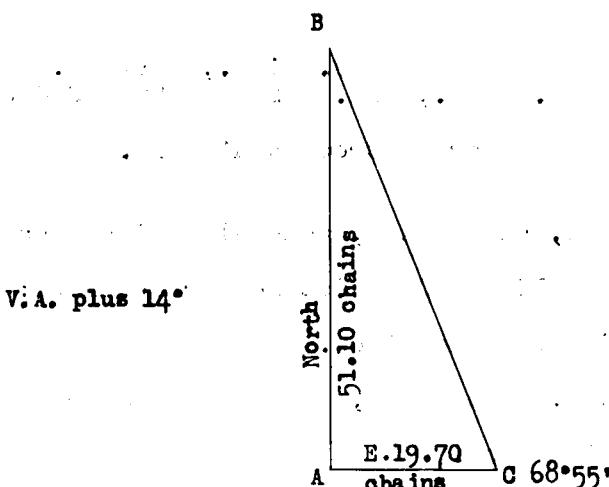
Chains

I destroy all evidence of this cor.

Foot of talus slope, bears NE. and SW.

The line to the N. ascends over precipitous slopes and vertical ledges, over which chaining is impracticable.

Return to the 46.95 chs. point and erect flag designated as "A", and erect flag "B" to the N. on line, from "A" survey base line E. 19.70 chs. dist., and erect flag "C". From "C" flags "AB" subtend an angle of $68^{\circ}55'$; all angles checked by repetition and base line double chained.



Distance on line ----- 46.95 chs.
 Distance by triangulation ----- 51.10 "
 Total distance on line ----- 98.05 "

98.05 Point B of triangulation. Rim of Hatch Point, 300 ft. high bears NE. and SW.

Thence

Gradual ascent over mesa land, through medium growth of timber.

140.00 Leave timber, bears E. and W. Thence across sage brush park

161.00 Intersect the S. bdy. of T. 29 S. R. 21 E., N. $89^{\circ}57'E.$, 1.86 chs. dist., from the $\frac{1}{4}$ sec. cor., for sec. 36 T. 29 S. R. 21 E. At point of intersection.

INDEPENDENT RESURVEY OF THE EAST BDY. OF T. 30 S., R. 21 E.

Chains

ar 1360

Set an iron post, 2 ins. diam., (3 in. is not available),
 3 ft. long, 30 ins. in the ground, for the closing cor.,
 T. 29 S., Rs. 21 and 22 E., with brass cap mkd.

T29S	R21E
S	36
SI	S6
R21E	R22E
T30S	
CC	
1927	

from which

A lone juniper 8 ins. diam., bears S. $18\frac{3}{4}$ °E.,
 254 lks. dist., mkd. T 29 S R 22 E S 6 C C B T.

No other bearing trees available.

Land, rough, and broken, general drainage and exposure W.

Soil, sandy loam and sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sage brush, shadscale and greasewood.

Fair grazing land.

DEPENDENT RESURVEY OF SUBDIVISION T. 30 S., R. 21 E.

Reestablishment of Surveys executed by Rathbone
 and Mason, U. S. Surveyors in 1916.

From the $\frac{1}{4}$ sec. cor., bet. secs. 22 and 23, which is an
 iron post, 1 in. diam., firmly set in the ground, with
 brass cap mkd.

$\frac{1}{4}$	
S 22	S 23
1916	

~~IS A SUBDIVISION OF THE TOWNSHIP~~
DEPENDENT RESURVEY OF SUBDIVISION OF T. 30 S., R. 21 E.

Chains

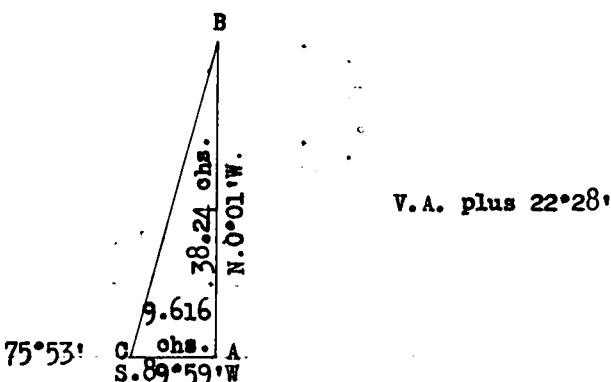
33.01 with mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of the cor.

N. $0^{\circ}01'W.$, on retracement, bet. secs. 22 and 23.

30.01 No trace of the witness cor. could be found.

The line to the N. ascends over precipitous slope and vertical ledge of Hart Point, over which chaining is impracticable. To secure suitable base I return to a point S. $0^{\circ}01'E.$, 1.97 chs. dist., from the $\frac{1}{4}$ sec. cor. and triangulate as follows:

Erect flag "A" at this point and erect "B" on line to the N. on top of Hart Point. From flag "A" survey base line, S. $89^{\circ}59'W.$, 9.616 chs. dist., and erect flag "C". From "C", flags "AB" subtend an angle of $75^{\circ}53'$; all angles checked by repetition and the base line double chained.



Distance by triangulation ----- 38.24 chs.

Distance "A" to $\frac{1}{4}$ sec. cor. ----- 1.97 "

Total distance on line ----- 36.27 "

36.27 Point "B" of triangulation.

40.00 (Record) Set temp. cor. for secs. 14, 15, 22 and 23.

From the $\frac{1}{4}$ sec. cor., for secs. 15, and 22, which is an iron post, 1 in. diam., firmly set in the ground and mound of stone, with brass cap mkd.

S 15

$\frac{1}{4}$

S 22

1916

with a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of the cor.

N. $89^{\circ}59'E.$, on retracement bet. secs. 15 and 22.

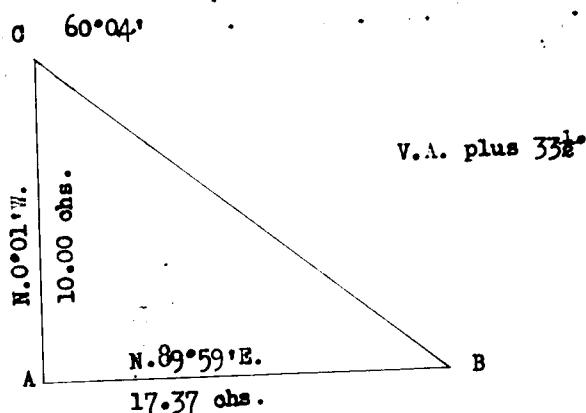
20.
DEPENDENT RESURVEY OF SUBDIVISION T. 30 S., R. 21 E.

Chains

22.685 No trace of the witness point, on line bet. secs. 15 and 22, could be found.

22.80 The line to the E., ascends over precipitous slope and vertical wall of Hart Point over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag "A" at this point, and erect flag "B" on line to the E. from flag "A" survey base line N. $0^{\circ}01'W.$, 10 chs. dist., and erect flag "C". From "C" flags "AB" subtend an angle of $60^{\circ}04'$; all angles checked by repetition and the base line double chained.



Distance on line -----	22.80 chs.
Distance by triangulation -----	<u>17.37 "</u>
Total distance on line-----	<u>40.17 "</u>
By return measurement-----	<u>0.06 "</u>
	<u>40.11 "</u>

40.11 Intersect N. and S. line, 15 lks. N. of the temp. cor. of secs. 14, 15, 22 and 23.

Therefore, the true bearing of this $\frac{1}{2}$ mile is N. $89^{\circ}48'W.$ and the distance is 40.11 chs.

Therefore at the temp. cor. of secs. 14, 15, 22 and 23, (Record dist. from $\frac{1}{4}$ sec. cor. of secs. 22 and 23, and $\frac{1}{4}$ sec. cor. of secs. 15 and 22)

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, 20 ins. in large mound of stone, for the cor. of secs. 14, 15, 22 and 23, with brass cap mkd.

T30S	R21E
S15	S14
S22	S23
1927	

from which

A pinon, 8 ins. in diam., bears N. $78\frac{1}{4}^{\circ}E.$, 41 lks. dist., mkd. T 30 S R 21 E S 14 B T.

A pinon, 2 ins. diam., bears S. $27\frac{3}{4}^{\circ}E.$, 47 lks. dist., mkd. B T.

A pinon, 8 ins. diam., bears S. $2\frac{1}{4}^{\circ}W.$, 108 lks. dist., mkd. T 30 S R 21 E S 22 B T.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 30 S., R. 21 E.

Chains	No suitable bearing tree available in sec. 15.
	Thence
	N. 89°48'W., on true line bet. secs. 15 and 22.
	Desc. over vertical ledge and precipitous slope.
3.00	Rim of Hart Point, 300 ft. high, bears N. and S.
	Thence by triangulation.
17.31	Base of precipitous slope, 800 ft. below sec. cor.,
	Thence over broken bench land, through medium growth of undergrowth; gradually descend.
40.11	The $\frac{1}{4}$ sec. cor., for secs. 15 and 22 heretofore described.
	Land, rough and broken, general drainage and exposure W.
	Soil, sandy loam and sandstone surface rock; 3rd rate.
	Timber, juniper and pinon.
	Undergrowth, sage brush, shadscale and greasewood.
	Fair grazing land.
<hr/>	
	From the cor. of secs. 14, 15, 22 and 23 heretofore described.
	S. 0°01'E., on true line bet. secs. 22 and 23.
	Over mesa land, through medium growth of timber and undergrowth.
3.73	Rim of Hart Point, 300 ft. high, bears NW. and SE. Leave timber bears NW. and SE.
	Thence by triangulation.
19.99	Foot of precipitous slope, bears NW. and SE. Thence over broken bench land.
40.00	Intersect the $\frac{1}{4}$ sec. cor., for sec. 22 and 23 heretofore described.
	Land, rough and broken, general drainage and exposure W.
	Soil, sandy loam and sandstone surface rock; 3rd rate.
	Timber, juniper and pinon.
	Undergrowth, sage brush, shadscale and greasewood.
	Fair grazing land.
<hr/>	
	SUBDIVISION OF T. 30 S., R. 21 E.
	From the standard cor. of secs. 35 and 36, T. 30 S., R. 21 E., which is an iron post, 3 ins. diam., firmly set in the ground, with brass cap mkd.
	SC T30S R21E S35 S36 1911

Chains

from which

A pinon, 10 ins. diam., bears N. $51\frac{1}{2}^{\circ}$ E., 80 lks.
dist., mkd; T 30 S R 21 E S 36 S C B T.

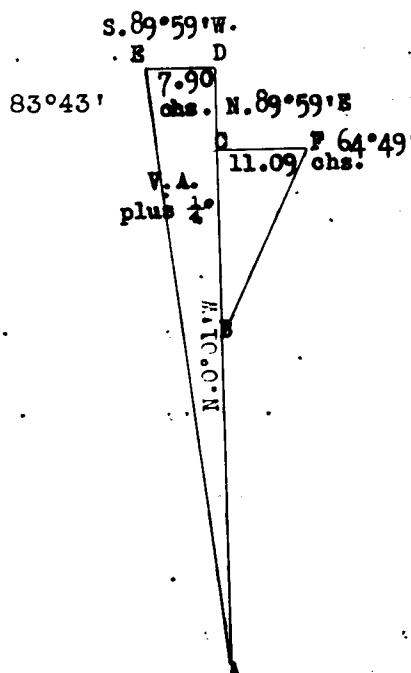
A pinon, 8 ins. diam., bears N. $76\frac{1}{2}^{\circ}$ W., 147 lks.
dist., mkd. T 30 S R 21 E S 35 S C B T.

N. $0^{\circ}01'W.$, bet. secs. 35 and 36.Over broken bench land, through scattering growth of
timber and undergrowth.

17.10 West rim of Hart Point, bears E. and W., about 300 ft.
high. The line to the N. passes over rim, over which
chaining is impracticable.

Therefore I triangulate as follows:

Erect flag "A" at this point and set flags "B", "C" and
"D" on line to the N., there being no suitable base line
at this point I proceed to flag "D", and survey base
line, S. $89^{\circ}59'W.$, 7.90 chs. dist., (this is the longest
base line available from which "A" is visible.) and
erect flag "E", from "E" flags "AD" subtend an angle of
 $83^{\circ}43'$; Then, from flag "C" survey base line N. $89^{\circ}59'E.$
11.09 chs. dist., and erect flag "F", from flag "F"
flags "CB" subtend an angle of $64^{\circ}49'$; all angles checked
by repetition and base line double chained.



Distance on line-----	17.10 chs.
Distance by triangulation A to D -----	71.75 "
Distance on line to point "D" -----	78.85 "
By return measurement D to C -----	9.38 "
Total distance on line to "C" -----	79.47 "
Distance by triangulation "C" to "B" -----	23.59 "
Total distance on line to "B" -----	55.88 "
By return measurement -----	9.36 "
	46.52 "

SUBDIVISION OF T. 30 S., R. 21 E.

Chains 40.00	Point for $\frac{1}{4}$ sec. cor. Falls on precipitous slope of Hart Point. Impracticable to set cor.
46.52	On W. rim of Hart Point, bears E. and W., 300 ft. high, Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, 30 ins. in large mound of stone; for the witness cor. to $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$
	S 35 S 36 W G 1927
	No other suitable accessories available.
55.88	Point "B" of triangulation. Rim of Hart Point, 300 ft. high, bears E. and W. Thence by triangulation.
64.00	Approximate distance, bottom of draw, drains W., 800 ft. below rim.
78.00	Rim of Hart Point, bears SE. and NW., 300 ft. high, thence across mesa land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid rock, 30 ins. in large mound of stone, for the cor. of secs. 25, 26, 35 and 36, with brass cap mkd.
	T30S R21E S26 S25 S35 S36 1927
	No other suitable accessories available.
	Land, rough and broken, general drainage and exposure W. Soil, sandy and sandstone surface rock; 3rd rate.
	Timber, scattering juniper and pinon.
	Undergrowth, sage brush and black brush.
	Fair grazing.
	E. on random line bet. secs. 25 and 36.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect E. bdy., 30 lks. S. of the cor. of secs. 25, 30, 31 and 36.
	S. $89^{\circ}47'W.$, on true line bet. secs. 25 and 36.
	Over rough broken bench land, through scattering growth of timber and medium growth of undergrowth.
24.00	Draw, drains NE., 120 ft. below sec. cor.; asc.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

S 25
S 36

1927

from which .

A juniper 3 ins. diam., bears S. $34\frac{1}{4}^{\circ}$ E., 38 lks.
dist., mkd. B T.

No other bearing tree available.

56.20 Top of low ridge, 240 ft. above bottom of draw, bears N.
and S.; desc.

80.12 The cor. of secs. 25, 26, 35 and 36.

Land, rough and broken; general drainage and exposure E.

Soil, sandy and sandstone outcroppings; 3rd rate.

Timber, scattering juniper and pinon.

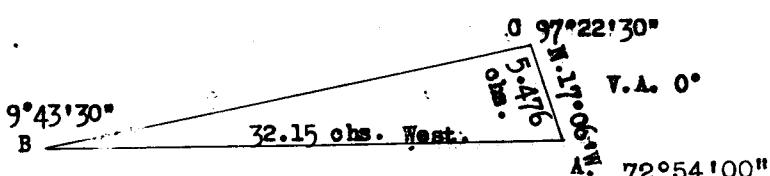
Undergrowth, sage brush and blackbrush.

Fair grazing land.

W. on random line bet. secs. 26 and 35

The line to the W. crosses over a box canyon, with vertical rims over which chaining is impracticable.

Erect flag "A" at the cor. of secs. 25, 26, 35 and 36, and erect flag "B" on line to the W., from "A" survey base line N. $17^{\circ}06'W.$, 5.476 chs. dist., and erect flag "C", from "C" flags "AB" subtend an angle of $97^{\circ}22'30''$; from B flags AC subtend an angle of $9^{\circ}43'30''$; all angles checked by repetition and base line double chained.



Distance by triangulation ----- 32.15 chs.

39.87 Erect flag "A" for triangulation.

40.00 Set temp. $\frac{1}{4}$ sec. cor.,

45.00 Rim of Hart Point, over which I cannot chain, therefore return to "A" and triangulate as follows:

Erect flag "B" on line 5 lks. N. of the cor. of secs. 26, 27, 34 and 35, from flag "A" survey base line N. $28^{\circ}09'W.$, 5.94 chs. dist., and erect flag "C"; from "C" flags "AB" subtend angle of $110^{\circ}09'30''$; from B flags AC subtend an angle of $7^{\circ}59'30''$; all angles checked by repetition and base line double chained.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

C 110°09'30"

7°59'30"

B

40.03 chains West

V.A.-241°

A 61°51'

Distance on line----- 39.87 chs.

Distance by triangulation ----- 40.03 "

Total distance on line----- 79.90 "

79.90

Intersect N. and S. line 5 lks. N. of the cor. of secs. 26, 27, 34 and 35, which is an iron post, 2 ins. in diam., firmly set in the ground, with brass cap mkd.

T30S	R21E
S27	S26
<hr/>	
S34	S35
1916	

with mound of stone, $2\frac{1}{2}$ ft. base and $1\frac{1}{2}$ ft. high, W. of the cor.

INDEPENDENT RESURVEY SUPERSEDING SURVEYS EXECUTED BY Rathbone and Mason in 1916.

N. 89°58'E., on true line bet. secs. 26 and 35.

Over rolling valley land through medium undergrowth.

17.00

Leave valley bears N. and S., asc. precipitous slope.

20.80

No trace of the witness cor. could be found.

NEW WORK

35.00

Rim of Hart Point, 300 ft. high, bears N. and S.

Thence over mesa land, through very scattering timber.

39.95

Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, 30 ins. in large mound of stone; for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 26
 $\frac{1}{4}$ ————— S 35
 1927

no other accessories available.

51.00

Rim of Hart Point, bears NE. and SW., 150 ft. high.

70.00

Approximate bottom of draw, 400 ft. below rim, drains S.

79.00

Rim of Hart Point, bears NW., and SE., 200 ft. high.

79.90

The cor. of secs. 25, 26, 35 and 36.

Land, rough and broken; general drainage and exposure SW.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sage brush and blackbrush and shadscale.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

N. $0^{\circ}01'W.$, bet. secs. 25 and 26.

Over broken bench land, through medium growth of timber and undergrowth; gradual desc.

20.50

Stock trail bears NW. and SE.

40.00

Top of low spur, 60 ft. above cor., projects NW.

Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 26 | \text{S } 25 \end{array}$$

1927

from which

A pinon 6 ins. diam., bears N. $23\frac{1}{2}^{\circ}E.$, 52 lks. dist. mkd. $\frac{1}{4}$ S 25 B T.A pinon 8 ins. diam., bears N. $31\frac{1}{2}^{\circ}W.$, 70 lks. dist. mkd. $\frac{1}{4}$ S 26 B T.

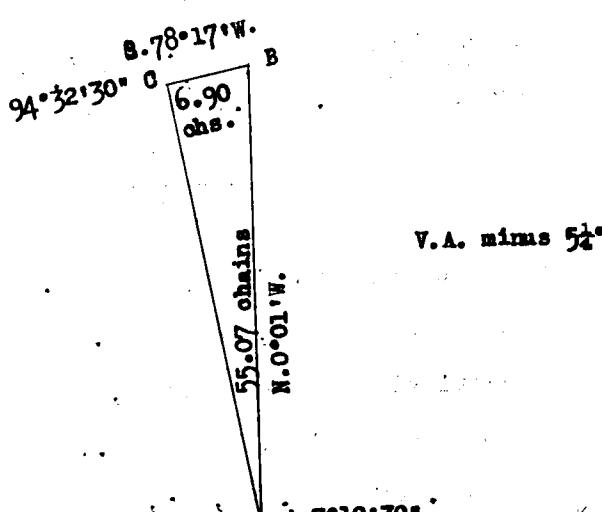
46.94

Rim of Hart Point, 300 ft. high, bears NW. and SE.

The line to the N. passes over head of box canyon,

with vertical walls of sandstone over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag "A" at this point, and erect flag "B" on line to the N., there being no suitable base line at "A". I proceed to "B" and survey base line S. $78^{\circ}17'W.$, 6.90 chs. dist., and erect flag "C", from "C" flags "AB" subtend an angle of $94^{\circ}32'30''$ and from A flags CB subtend an angle of $7^{\circ}10'30''$; all angles checked by repetition and base line double chained.



Distance on line

46.94 chs.

Distance by triangulation

55.07 "

Total distance on line

102.01 "

By return measurement

7.72 "

94.29 "

The 94.29 chs. point falls on vertical rim; it is impracticable to return to the 80.00 chs. point on true line. Therefore I run on traverse as follows: S. $13^{\circ}04'E.$, 14.68 chs. dist., making 14.30 chs. S. and S. 32 chs. E.

Thence

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

N. 1 lk. to point for W. C. on line bet. secs. 24 & 25

70.00 Approximate bottom of canyon, 500 ft. below rim, drains NW.

80.00 True point for cor. of secs. 23, 24, 25 and 26 falls on precipitous slopes and ledges where it is impracticable to set cor., therefore at a point N. $89^{\circ}46' E.$, 3. 32 chs. distant from true cor. point,

Set an iron post, 3 ft. long, 2 in. diam., over cross (X) cut in solid rock, 30 ins. in large mound of stone for the witness cor. to the cor. of secs. 23, 24, 25 and 26, with brass cap mkd.

T30S	R21E
S23	S24
WC	S26
	S25

1927

No other suitable accessories available.

Land, rough and broken; general drainage and exposure W.

Soil, sandy and sandstone outcroppings; 3rd rate.

Timber, scattering juniper and pinon.

Undergrowth, sage brush and blackbrush.

Fair grazing land.

N. $89^{\circ}47' E.$, on random line bet. secs. 24 and 25, counting distances from the true cor. point.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect E. bdy., 3 lks. south of the cor. of secs., 19, 24, 25 and 30, thence

S. $89^{\circ}46' W.$, on true line bet. secs. 24 and 25.

Over broken mesa land, through medium growth of timber and undergrowth.

10.00 Low spur, projects NE., 20 ft. above sec. cor.

39.99 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 24
S 25
1927

from which

A pinon, 6 ins. diam., bears S. $5^{\circ} W.$, 47 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.

A pinon, 8 ins. diam., bears N. $46 \frac{3}{4}^{\circ} W.$, 48 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.

Continue over broken mesa land.

45.00 Low spur project NW.

74.90 Low spur projects NW.

76.66 The witness cor. to the cor. of secs. 23, 24, 25 and 26,

SUBDIVISION OF T. 30 S., R. 21 E.

S. 89°58' W.

Chains

which stands on the rim of Hart Point, bears NW. and SE., 300 ft. high.

79.98 The true point for cor. secs. 23, 24, 25 and 26 falls on inaccessible ledge.

Land, broken mesa land, general drainage and exposure N.

Soil, sandy loam., surface sandstone; 3rd rate.

Timber, juniper and pinon,

Undergrowth, sage brush and blackbrush.

Fair grazing land.

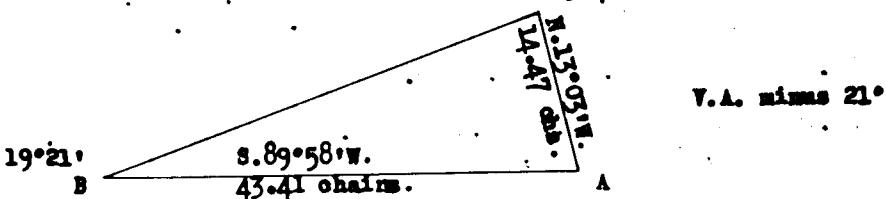
From the witness cor. to the cor. of secs. 23, 24, 25 and 26.

S. 89°58' W., on random line bet. secs. 23 and 26.

The line to the west descends over the vertical ledges and rim of Hart Point over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag "A" at the witness cor., and erect flag "B" on line to the W. From "A" survey base line, N. 13°03' W., 14.47 chs. dist., and erect flag "C" from "C" flags "AB" subtend angle of 83°42', from "B" flags "AC" subtend an angle 19°21'; all angles checked by repetition and the base line double chained.

0 83°42'



Distance by triangulation ----- 43.41 chs.

Distance the witness cor. is E. ----- 3.32 "

Total distance on line ----- 40.00 "

By return measurement ----- .09"

40.00

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line, 19 lks. S. of the cor. of secs. 22, 23, 26 and 27, which is an iron post, 2 ins. diam., firmly set in the ground, with brass cap mkd.

T30S	R21E
S22	S23
S27	S26
1916	

with a mound of stone, 2 ft. base and 1 $\frac{1}{2}$ ft. high W. of the cor.

INDEPENDENT RESURVEY SUPERSKIDING SURVEY EXECUTED
By Rathbone and Mason, U. S. Surveyors in 1916.

S. 89°54' E., on true line bet. secs. 23 and 26.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains	Along talus slopes of Hart Point, through medium growth of undergrowth.
21.00	Spur projects N., 260 ft. above sec. cor.; desc.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	4 S 23 S 26 1927
	raise a mound of stone, 4 ft. base, 2 ft. high N. of cor. N. of this cor. 7 lks. dist., is the old $\frac{1}{4}$ sec. cor., for secs. 23 and 26, which is an iron post, 1 in. diam., firmly set in the ground and mound of stone, with brass cap mkd.
	4 S 23 S 26 1916
	The bearing trees recorded could not be found on the ground. I destroy all evidence of this cor.
42.00	Wash, 30 ft. deep and 50 lks. wide, 120 ft. below spur drains NW.
63.50	No trace of the old witness cor. to the cor. of secs. 23, 24, 25, and 26 could be found.
	NEW WORK
	Thence by triangulation, line ascends the precipitous slopes of Hart Point.
80.10	The true point for the cor. of secs. 23, 24, 25 and 26. Land, rough and broken, general drainage and exposure NW. Soil, sandy loam and sand mixed with sandstone; 3rd rate. Timber, very scattering juniper and pinon. Undergrowth, shadscale, sage brush and blackbrush. Fair grazing land.
	N. 0°01'W., bet. secs. 23 and 24, counting distances from the true cor. point for secs. 23, 24, 25 & 26.
	Over rough broken bench land, through medium growth of timber and undergrowth.
14.29	Rim of Hart Point, bears NW. and SE.
28.30	Top of low spur, projects NW., 130 ft. above top of rim; desc.
37.30	Bottom small canyon, 100 ft. deep drains W.; asc.
40.00	Point for $\frac{1}{4}$ sec. cor. falls on sloping rocky slope, impracticable to set cor.
41.60	Top of spur projects W.; desc.
41.81	Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock and 30 ins. in large mound of stone,

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

for the witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap
mkd.

S 23 | S 24
W C
1927

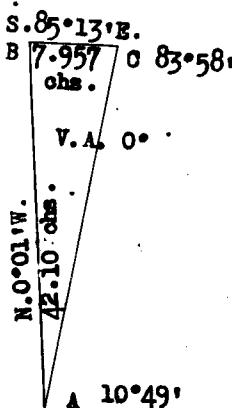
from which

A pinon, 3 ins. diam., bears N. $72\frac{1}{2}^{\circ}$ E., 59 lks. dist.,
mkd. B T.

A pinon, 3 ins. diam., bears N. $51\frac{1}{2}^{\circ}$ W., 22 lks. dist.
mkd. B. T.

The line to the N. crosses a box canyon with vertical
walls of sandstone over which chaining is impracticable,
therefore I triangulate as follows:

Erect flag "A" at witness $\frac{1}{4}$ sec. cor., and flag "B" to
the N. on line, there is no suitable base line at this
point so proceed to flag "B" and from B'survey base line,
S. $85^{\circ}13' E.$, 7.957 chs. dist., and erect flag "C", from
"C"-flags "AB" subtend an angle of $83^{\circ}58'$; from "A"-flags
"BC" subtend an angle of $10^{\circ}49'$; all angles checked by
repetition and base line double chained.



Distance on line ----- 41.81 chs.
Distance by triangulation ----- 42.10 "
Total distance on line ----- 83.91 "

- 42.00 Rim of Hart Point, bears E. and W., 200 ft. high.
- 55.00 Approximate distance to bottom of canyon, 400 ft. deep
drains SW.
- 80.00 Point for cor. of secs. 13, 14, 23 & 24 falls on precipitous slope and ledges where it is impracticable to set cor.
- 83.91 Point "B" of triangulation. Rim of Hart Point, 300 ft. high, bears E. and W.
- 85.67 Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid rock, and 30 ins. in large mound of stone for the witness cor. to the cor. of secs. 13, 14, 23 and 24, with brass cap mkd.

T30S R21E
S14 S13
S23 S24
W C
1927

SUBDIVISION OF T. 30 S., R. 21 E.

Chains	from which
	A pinon, 4 ins. diam., bears N. $7^{\circ}E.$, 84 lks. dist., mkd. T 30 S R 21 E S 13 W C B T.
	A pinon, 8 ins. diam., bears N. $32\frac{1}{2}^{\circ}W.$, 92 lks. dist., mkd. T 30 S R 21 E S 14 W C B T.
	No other suitable bearing trees available.
	Land, rough and broken, general drainage and exposure W.
	Soil, sandy and sandstone surface rock; 3rd rate.
	Timber, juniper and pinon.
	Undergrowth, sage brush and blackbrush.
	Fair grazing land.
	From a point 3.30 chs. N. $0^{\circ}01'W.$, of the true point for the cor. of secs. 13, 14, 23 and 24. The true cor. point being inaccessible.
	N. $89^{\circ}46'E.$, on random offset line, bet. secs. 13 and 24.
30.00	Thence S. $0^{\circ}01'E.$, 3.30 chs. dist., to true random line.
	Thence N. $89^{\circ}46'E.$, on random line.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdy., 2 lks. N. of the cor. of secs. 13, 18, 19 and 24; thence S. $89^{\circ}47'W.$, on true line, bet. secs. 13 and 24. Over rough and broken mesa land, through medium growth of timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	<u>$\frac{1}{4}$ S 18</u> <u>$\frac{1}{4}$ S 24</u> 1927
	from which
	A juniper 3 ins. diam., bears S. $4\frac{1}{2}^{\circ}E.$, 111 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.
	A pinon, 4 ins. diam., bears N. $8^{\circ}W.$, 113 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.
47.00	Small draw, drains SW. 10 ft. below $\frac{1}{4}$ sec. cor.
50.00	Rim of Hart Point, bears W. and SE.
	Offset N. $0^{\circ}01'W.$, 3.30 chs. dist. Thence on offset line
80.00	Intersect N. and S. line 3.30 chs. N. $0^{\circ}01'W.$, of the true point for cor. of secs. 13, 14, 23 and 24. Land, rough and broken, general drainage and exposure SW. Soil, sandy and sandstone surface rock; 3rd rate.

38.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains	<p>Timber, juniper and pinon. Undergrowth, sage brush and blackbrush. Fair grazing land.</p> <hr/> <p>From a point N. $0^{\circ}01'W.$, 8.64 chs. from the true point for the cor. of secs. 13, 14, 23 and 24, N. $89^{\circ}54'W.$, on offset random line, bet. secs. 14 and 23. Thence S. $0^{\circ}01'E.$, 8.64 chs. dist., to true random line.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. and S. line, 21 lks. S. of the cor. of secs. 14, 15, 22 and 23, heretofore described.</p> <p>Thence S. $89^{\circ}45'E.$, on true line bet. secs. 14 and 23. Over rough broken bench land, through medium growth of timber and undergrowth; asc.</p> <p>Top of spur, projects SW., 130 ft. above sec. cor.; desc.</p> <p>Bottom of draw, drains S., 140 ft. below spur; asc.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, and 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.</p>
25.00	<p><u>1 S 14</u> <u>2 S 23</u> 1927</p>
34.30	
39.99	
44.00	<p>from which</p> <p>A pinon, 6 ins. diam., bears N. $41\frac{3}{4}^{\circ}E.$, 81 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.</p> <p>A pinon, 6 ins. diam., bears S. $11^{\circ}E.$, 67 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.</p> <p>Rim of Hart Point, bears NE. and SW., 300 ft. high.</p> <p>Offset N. $0^{\circ}01'W.$, 8.64 chs. dist.,</p> <p>Thence S. $89^{\circ}45'E.$, on offset line.</p>
79.98	<p>Intersect N. and S. line, 8.64 chs. N. $0^{\circ}01'W.$, from the true point for cor. of secs. 13, 14, 23 and 24.</p> <p>Land, rough and broken, general drainage and exposure SW.</p> <p>Soil, sandy and sandstone surface rock; 3rd rate.</p> <p>Timber, juniper and pinon.</p> <p>Undergrowth, sage brush and blackbrush.</p> <p>Fair grazing land.</p> <hr/> <p>N. $0^{\circ}01'W.$, bet. secs. 13 and 14, counting distance from</p>

SUBDIVISION OF T. 30 S., R. 21 E.

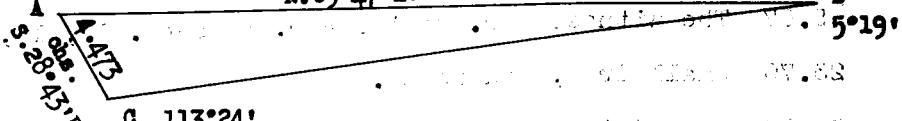
- Chains**
- 00 ft. true cor. point for cor. of secs. 13, 14, 23 & 24.
Over rough broken bench land, through medium growth of timber and undergrowth.
- 5.67 The witness cor. to the cor. of secs. 13, 14, 23 and 24.
- 23.70 Small draw, drains SW.
- 32.00 Top of low spur, projects SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, and 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$
S14 | S13
1927
- from which
- A pinon, 6 ins. diam., bears S. $65\frac{1}{4}^{\circ}$ E., 60 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.
- A pinon 4 ins. diam., bears S. 16° W., 61 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.
- 54.30 Bottom of draw, drains SE., 140 ft. below top of spur; asc.
- 75.70 Top of spur, 50 ft. above bottom of draw, projects NE; desc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock, and 14 ins. in large mound of stone, for the cor. of secs. 11, 12, 13 and 14, with brass cap mkd.
- T30S R21E
S11 | S12
S14 | S13
1927
- from which
- A pinon 6 ins. diam., bears N. $25\frac{1}{2}^{\circ}$ E., 43 lks. dist., mkd. T 30 S R 21 E S 12 B T.
- A pinon, 4 ins. diam., bears S. $70\frac{1}{2}^{\circ}$ E., 23 lks. dist., mkd. T 30 S R 21 E S 13 B T.
- A pinon 4 ins. diam., bears S. 17° W., 39 lks. dist., mkd. T 30 S R 21 E S 14 B T.
- A pinon, 8 ins. diam., bears N. $63\frac{1}{2}^{\circ}$ W., 70 lks. dist., mkd. T 30 S R 21 E S 11 B T.
- Land, rough and broken, general drainage and exposure NE.
- Soil, sandy loam, and sandstone surface rock; 3rd rate.
- Timber, juniper and pinon.
- Undergrowth, sage brush and blackbrush.
- Fair grazing land.
- N. $89^{\circ}47'$ E., on a random line bet. secs. 12 and 13.
- 29.68 The line to the E. crosses over a box canyon with vertical walls over which chaining is impracticable.
- Therefore I triangulate as follows:
- Erect flag "A" at this point, and erect flag "B" on line to the E., from flag "A" survey base line, S. $28^{\circ}43'$ E., 4.473 chs. and erect flag "C". From "C" flags "AB" subtend an angle of $113^{\circ}24'$; all angles checked by repetition and the

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

base line double chained. This was the only base line available.

N. 89°47' E.



Distance on line ----- 29.68 chs.
 Distance by triangulation ----- 46.18 "
 Total distance on line ----- 75.86 "

- 30.06 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect the cors. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp.; thence
 S. 89°47' W., on true line, bet. secs. 12 and 13.
 Over broken bench land, through medium growth of timber and undergrowth.
- 4.30 Rim of box canyon, 200 ft. high, bears N. and S.
- 28.00 Approximate bottom of box canyon, 350 ft. below rim; drains
- 40.05 Point for $\frac{1}{4}$ sec. cor. falls on inaccessible ledges of box canyon; impracticable to set cor.
- 50.00 Rim of box canyon, bears N. and S.
- 50.04 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, and 30 ins. in large mound of stone, for the witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$ S12 WC
 S13
 1927
- No other accessories available.
- 50.40 Top of sandstone butte bears N. and S., 80 ft. high.
- 73.00 Low spur, projects NE.
- 80.10 The cor. of secs. 11, 12, 13 and 14.
 Land, rough and broken, general drainage and exposure N.
 Timber, scattering juniper and pinon.
 Undergrowth, sage brush and blackbrush.
 Fair grazing land.
 N. 0°01' W., on true line bet. secs. 11 and 12.
 Over rough and broken bench land, through medium growth of timber and undergrowth.
- 19.50 Small draw, drains NE; asc.
- 25.00 Low Spur, projects NE., 20 ft. above draw; desc.
- 31.00 Draw, drains NE., 30 ft. below spur; asc.
- 40.00 Set an iron pest, 3 ft. leng, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S11 S12

1927

from which

SUBDIVISION OF T. 30 S., R. 21 E.

Chains	A pinon, 4 ins. diam., bears S. 89°E., 144 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.
	A pinon, 6 ins. diam., bears W., 30 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
47.80	Top of ledge, 50 ft. high, bears E. and W.
55.00	Top spur, projects NE., 100 ft. above draw; desc.
58.00	E., 60 lks. dist. is a sandstone butte.
80.00	On broken N. slope 100 ft. below top of spur. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and 18 ins. in large mound of stone, for the cor. of secs. 1, 2, 11 and 12, with brass cap mkd.
	T30S R21E S 2 S 1 --- --- S11 S12 1927
	from which
	A pinon, 3 ins. diam., bears N. $10\frac{3}{4}$ °E., 37 lks. dist., mkd. B T.
	A pinon 4 ins. diam., bears S. $68\frac{1}{2}$ °E., 42 lks. dist., mkd. T 30 S R 21 E S 12 B T.
	A pinon 6 ins. diam., bears S. $54\frac{1}{2}$ °W., 172 lks. dist., mkd. T 30 S R 21 E S 11 B T.
	A pinon 3 ins. diam., bears N. $64^{\circ}W.$, 82 lks. mkd. B T.
	Land, rough and broken mesa, general drainage and exposure NE.
	Soil, sandy loam and sandstone surface rock; 3rd rate
	Timber, juniper and pinon.
	Undergrowth, sage brush, blackbrush and amole plant.
	Fair grazing land.
	N. $89^{\circ}47'E.$, on a random line bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdy., 12 lks. S. of the cor. of secs. 1, 6, 7, and 12; thence
	S. $89^{\circ}42'W.$, on true line bet. secs. 1 and 12.
	Over broken bench land, through medium growth of timber and undergrowth.
7.50	Top of rim 50 ft. high, bears NE. and SW; desc.
10.00	Bottom of canyon, drains NW., 200 ft. deep; asc.
12.10	Top of rim, 200 ft. above bottom of canyon, bears NW. and SE; asc.
23.80	Top of ridge, bears NE. and SW., 100 ft. above top of rim.

SURVEYOR'S LOG OF J. W. S., R. S. 21, T. 21

Chains

60.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, for the $\frac{1}{2}$ sec. cor., with brass cap and.

~~181~~
S 18
1927

NAD 1927 08.7M

from which

A pinon 8 ins. diam., bears N. 41°E., 44 lks. dist., mkd. $\frac{1}{2}$ S 1 B T.

A pinon 8 ins. diam., bears S. 51°E., 53 lks. dist., mkd. $\frac{1}{2}$ S 12 B T.

Continues gradual ascent along N. slope.

61.10 Top of low ridge, bears NE. and SW.; 140 ft. above $\frac{1}{2}$ sec. cor.; desc.

71.70 Small draw, drains N., 30 ft. below top of ridge.

78.00 Low spur, projects N.

80.00 The cor. of secs. 1, 2, 11 and 12.

Land, rough and broken; general drainage and exposure N.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, pinon and juniper.

Undergrowth, sage brush, blackbrush and mountain rush.

Fair grazing land.

N. 0°01'E., on true line bet. secs. 1 and 2.

Over rough and broken bench land, through medium growth of timber and undergrowth.

12.17 Rim of Hart Point, 200 ft. high, bears NE. and SW.

Vertical rim and precipitous slope of Hart Point, makes chaining impracticable, therefore I triangulate as follows:

Erect flag "A" at this point, and erect flag "B" on line to the N., no suitable base line available at "A", therefore, I proceed to "B" and survey base line N. 89°59'E. 4.60 chs. dist., and erect flag "C", from "C" flags "AB" subtend an angle of 80°48'; all angles checked by repetition and base line double chained.

89°59'E.
80°48'

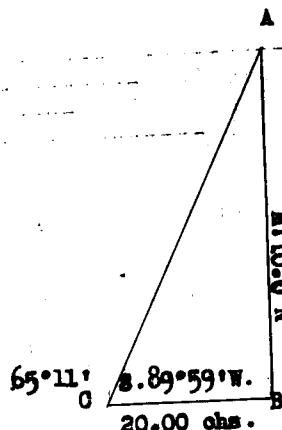
T. 21 Range 27½

SUBDIVISION OF T. 30 S., R. 21 E.

Chains	
	Distance on line ----- 12.17 chs.
	Distance by triangulation ----- 28.40 "
	Total distance on line to "B" ----- 0--40.57 "
	By return measurement ----- 22.57 "
	18.00 "
18.00	Base of vertical sandstone ledge, bears E. and W. No trace of the witness cor. to the cor. of secs. 1, 2, 11 and 12, set by Rathbone and Mason in 1916 could be found. INDEPENDENT RESURVEY SUPERSEDING SURVEY EXECUTED By Rathbone and Mason in 1916. Abrupt desc. over talus slope of Hart Point.
36.00	Bottom of gulch, drains NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and 10 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 2 S 1 1927
	at base of monument deposit sandstone 8x7x6 ins. mkd. with (X) cross.
40.47	W. of my line 32 lks. dist., is the old $\frac{1}{4}$ sec. cor., set by Rathbone and Mason, which is an iron post, 1 in. diam., firmly set in the ground, with brass cap mkd.
	$\frac{1}{4}$ S 2 S 1 1916
	with mound of stone W. of the cor. I destroy all evidence of this cor. Gradual desc.
61.50	Bottom of small draw, 10 ft. deep drains NE.
92.00	Bottom of Hart Draw, drains SW., 2 chs. wide and 10 ft. deep; 155 ft. below $\frac{1}{4}$ sec. cor.
94.49	Set flag for triangulation. Gradual asc.
110.13	No trace could be found of the W. P. set by Rathbone and Mason in 1916.
	New Work
	The line to the N. ascends over vertical ledges and talus slope of Hatch Point, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows; Erect flag "A" on line to the N. and return to flag design- ated as "B" at the 94.49 chs. point and survey base line, S. 89°59'W., 20.00 chs. dist., and erect flag "C", from "C" flags "AB" subtend an angle of 65°11' all angles checked by repetition and base line double chained.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains



V.A. plus 21 $\frac{1}{2}$

Subdiv 10

Distance on line ----- 94.49 chs.
 Distance by triangulation ----- 43.25 "
 Total distance on line ----- 137.74 "

137.74 Top of vertical rim of Hatch Point, 400 ft. high, bears SE. and NW.

Thence over top of Hatch Point, through scattering timber.

161.41 Intersect the S. bdy., of T. 29 S., R. 21 E., N. 89°57'E., 184 lks. dist., from the $\frac{1}{4}$ sec. cor. for sec. 35.

At point of intersection set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, to solid rock, and 20 ins. in large mound of stone, for the closing cor. for secs. 1 and 2, T. 30 S., R. 21 E., with brass cap mkd.

T29S R21E	
S 35	
S 2	S 1
T30S R21E	
C C	
1927	

from which

A pinon, 6 ins. diam., bears S. 74 $\frac{1}{4}$ E., 55 lks. dist., mkd. T 30 S R 21 E S 1 CC B T.

A pinon, 4 ins. diam., bears S. 60 $\frac{1}{2}$ W., 53 lks. dist., mkd. T 30 S R 21 E S 2 CC BT.

Land, rough and broken, general drainage and exposure W.

Soil, sandy loam and sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

Undergrowth, shadscale, mountain rush, sage brush and blackbrush.

Fair grazing land.

From the cor. of secs. 14, 15, 22 and 23, heretofore described.

N. 0°01'W., bet. secs. 14 and 15.

Over rough and broken bench land through medium growth of timber and undergrowth.

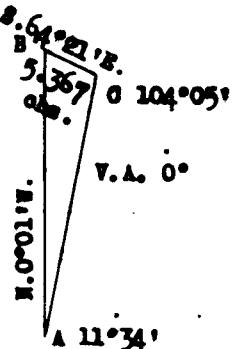
20.35 Vertical rim of Hart Point, 300 ft. high, bears N. 10°E.,

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

and S 20°W., The line to the N. crosses a cove in the W. rim of Hart Point with vertical walls, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag "A" at this point, and erect flag "B" on line to the N. There being no suitable base at flag "A" I proceed to "B" and survey base line S. 64°21' E. 5.367 chs. dist., and erect flag "C". From "C" flags "AB" subtend an angle of 104°05', from A flags "BC" subtend an angle of 11°34'; all angles checked by repetition and base line double chained.



Distance on line ----- 20.35 chs.
 Distance by triangulation ----- 25.93 "
 Total distance on line to "B" ----- 46.28 "

40.00 Point for $\frac{1}{2}$ sec. cor. falls on inaccessible ledges.

46.28 Top of rim of Hart Point, 300 ft. high, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, and 30 ins. in a large mound of stone for the witness cor. to the $\frac{1}{2}$ sec. cor., with brass cap mkd.

S 15 | S 14 .
W C
1927

from which

A pinon, 4 ins. diam., bears N. 20°E., 94 lks. dist., mkd. $\frac{1}{2}$ S 14 B T.

A juniper, 6 ins. diam., bears N. 59 3/4°W., 62 lks. dist., mkd. $\frac{1}{2}$ S 15 B T.

Continue over broken bench land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 10, 11, 14 and 15, with brass cap mkd.

T30S | R21E
S10 | S 11
~~S 14 | S 15~~
1927

from which

A juniper, 8 ins. diam., bears N. 42 1/2°E., 95 lks. dist., mkd. T 30 S R 21 E S 11 B T.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

A pinon, 2 ins. diam., bears S. $46\frac{1}{2}^{\circ}$ E., 97 lks. dist., mkd. B T.

A juniper 6 ins. diam., bears S. $25\frac{3}{4}^{\circ}$ W., 115 lks. dist., mkd. T 30 S R 21 E S 15 B T.

A pinon, 6 ins. diam., bears N. 23° W., 135 lks., dist. mkd. T 30 S R 21 E S 10 B T.

Land, rough broken bench, general drainage and exposure SW.

Soil, sandy loam and sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sage brush and blackbrush.

Fair grazing land.

S. $89^{\circ}45'$ E., on a random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence

N. $89^{\circ}47'$ W., on true line bet. secs. 11 and 14.

Over rough and broken bench land, through medium growth of timber and undergrowth; asc.

33.90 Top of spur, 100 ft. above sec. cor., projects NE.; desc.

37.00 Draw, 30 ft. below spur, drains NE.; asc.

40.03 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, and 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 11
S 14
1927

from which

A pinon 10 ins. diam., bears S. $27\frac{1}{4}^{\circ}$ W., 93 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.

A pinon 3 ins. diam., bears N. $30\frac{1}{4}^{\circ}$ W., 87 lks. dist., mkd. B T.

45.00 Top of ridge, 90 ft. above draw, bears S. and NW.; desc.

80.06 The cor. of secs. 10, 11, 14 and 15, 220 ft. below top of ridge.

Land, broken bench, general drainage and exposure NE. on E. portion and SW. on W. portion.

Soil, sandy loam and sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sage brush and blackbrush.

Fair grazing land.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains											
13.50	N. 89° 54' W., on a random line, bet. secs. 10 and 15. Impracticable to run N. 89° 49' N.										
13.50	Rim of Hart Point, 300 ft. high, bears NW. and SE., over which chaining is impracticable. Therefore to determine the measurement I triangulate as follows: Erect flag "A" at this point, and erect flag "B" on line to the W., there being no suitable base line at this point I proceed to "B" and survey base line S 0° 06' W., 8.00 chs. dist., and erect flag "C". From "C" flags "AB" subtend an angle of 73° 17'; all angles checked by repetition and base line double chained.										
	<table> <tbody> <tr> <td>Distance on line -----</td> <td>13.50 chs.</td> </tr> <tr> <td>Distance by triangulation -----</td> <td>26.64 "</td> </tr> <tr> <td>Distance to "B" -----</td> <td>40.14 "</td> </tr> <tr> <td>By return measurement -----</td> <td>.14 "</td> </tr> <tr> <td></td> <td>40.00 "</td> </tr> </tbody> </table>	Distance on line -----	13.50 chs.	Distance by triangulation -----	26.64 "	Distance to "B" -----	40.14 "	By return measurement -----	.14 "		40.00 "
Distance on line -----	13.50 chs.										
Distance by triangulation -----	26.64 "										
Distance to "B" -----	40.14 "										
By return measurement -----	.14 "										
	40.00 "										
40.00	Set temp. $\frac{1}{4}$ sec. cor.										
80.28	Intersect the cor. of secs. 9, 10, 15 and 16, which is an iron post, 2 ins. diam., firmly set in the ground and mound of stone, for the cor. of secs. 9, 10, 15 and 16, with brass cap mkd.										
	<table> <tbody> <tr> <td>T30S</td> <td>R21E</td> </tr> <tr> <td>S 9</td> <td>S 10</td> </tr> <tr> <td>S16</td> <td>S15</td> </tr> <tr> <td colspan="2">1927</td> </tr> </tbody> </table>	T30S	R21E	S 9	S 10	S16	S15	1927			
T30S	R21E										
S 9	S 10										
S16	S15										
1927											
	with a mound of stone, W. of the cor.										
	Thence										
	S. 89° 54' E., on true line bet. secs. 10 and 15.										
	Along rough and broken S. slope, through medium growth of undergrowth; asc.										
23.50	Top of spur, 480 ft. above sec. cor. projects S.										
	Continue along talus slope of Hart Point.										
40.14	Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid rock, and 30 ins. in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.										
	<table> <tbody> <tr> <td>$\frac{1}{4}$</td> <td>S 10</td> </tr> <tr> <td></td> <td>S 15</td> </tr> <tr> <td></td> <td>1927</td> </tr> </tbody> </table>	$\frac{1}{4}$	S 10		S 15		1927				
$\frac{1}{4}$	S 10										
	S 15										
	1927										
	No other accessories available.										
	Ascend precipitous slope and vertical rim of Hart Point.										

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

66.78 Point "A" of triangulation. Top of Hart Point rim, 300 ft. high, bears NW. and SE. Thence over bench land through medium growth of timber.

80.28 The cor. of secs. 10, 11, 14 and 15.

Land, rough and broken, general drainage and exposure SW.

Soil, sandy loam and sandstone outcroppings; 3rd rate.

Timber, juniper and pinon, for 13.50 chs.

Undergrowth, sage brush, blackbrush, shadscale and mountain rush.

Fair grazing land.

N. $0^{\circ}01'W.$, on random line, bet. secs. 10 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect E. and W. line, 13.07 chs. E. of the witness cor. to the cor. of secs. 2, 3, 10 and 11, which is an iron post, 2 ins. diam., firmly set in mound of stone, with brass cap mkd.

T30S	R21E-
S 3	S 2
S10	S11
1916	

with mound of stone W. of the cor.

The true point is witnessed S. $89^{\circ}59'W.$, 13.00 chs. dist.. At the true cor. point I set an iron post, 2 ins. diam., 3 ft. long, over cross (X) cut in solid rock, and 30 ins. in large mound of stone, for the cor. of secs. 2, 3, 10, and 11, with brass cap mkd.

T30S	R21E
T 3	S 2
S 10	S 11
1927	

No other suitable accessories available.

Thence

S. $0^{\circ}04'E.$, on true line bet. secs. 10 and 11.

Over broken bench land, through scattering timber and medium undergrowth.

32.00 Bottom of draw, drains NE.

33.00 E. of line 1 ch. is head of draw drains NE.

34.00 Line passes along W. slope of sandstone butte.

39.95 Set iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S 10	S 11
1927	

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

from which

A pinon 6 ins. diam., bears S. $89^{\circ}47'E.$, 36 lks. dist.,
mkd. $\frac{1}{4}$ S 11 B T.A pinon 10 ins. diam., bears S. $73\frac{1}{2}^{\circ}W.$, 80 lks. dist.,
mkd. $\frac{1}{4}$ S 10 B T.

67.80

Bottom of draw, drains SW; asc.

79.90

The cor. of secs. 10, 11, 14 and 15, 40 ft. above draw.

Land, broken bench, general drainage and exposure NE. on N. portion and SW. on S. portion.

Soil, sandy loam and sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

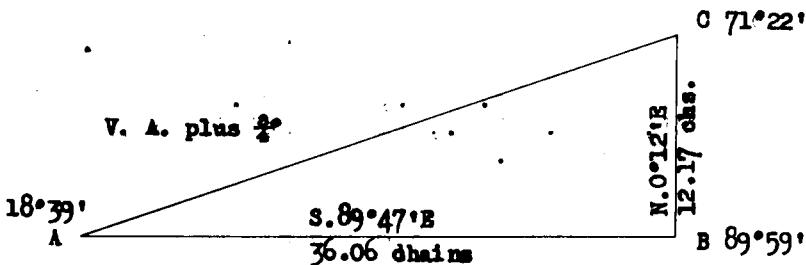
Undergrowth, sage brush and blackbrush.

Fair grazing land.

S. $89^{\circ}47'E.$, on a random line bet. secs. 2 and 11.40.00 Set temp. $\frac{1}{4}$ sec. cor.

44.00 The line to the E. crosses deep box canyon over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag "A" at this point, and erect flag "B" on line to the E, there being no suitable base line at "A" I proceed to flag "B" and survey base line N. $0^{\circ}12'E.$, 12.17 chs. dist., and erect flag "C", from "C" flags "AB" subtend an angle of $71^{\circ}22'$, from "A" flags "BC" subtend an angle of $18^{\circ}39'$; all angles checked by repetition and base line double chained.



Distance on line ----- 44.00 chs.
 Distance by triangulation ----- 36.06 "
 Total distance on line ----- 80.06 "

80.06

Intersect N. and S. line, 5 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence

N. $89^{\circ}49'W.$, on true line, bet. secs. 2 and 11.

Over rough and broken bench land, through medium growth of timber and undergrowth.

SUBDIVISION OF T. 30 S., R. 21 E.

Chains

- 7.00 Right rim of box canyon, bears N. and S., 200 ft. high.
- 15.00 Approximate bottom of canyon; 300 ft. below top of rim, drains N.
- 34.50 Left rim of canyon, bears NE. and SE.
- 40.03 Set an iron post, 3 ft. long, 1 in. diam., over cross (X) cut in solid surface rock, and 30 ins. in large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

1 S 2

S11
1927

from which

A pinon, 3 ins. diam., bears S. 14°E., 87 lks. dist., mkd, B T.

A pinon, 3 ins. diam., bears N. 60°W., 92 lks. dist., mkd. B T.

60.20 Bottom of draw, drains NE., 170 ft. below $\frac{1}{4}$ sec. cor.; asc.

80.06 The cor. of secs. 2, 3, 10 and 11, 140 ft. above bottom of draw.

Land, rough and broken, general drainage and exposure NE.

Soil, sandy and sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

Undergrowth, sage brush and blackbrush.

Fair grazing land.

INDEPENDENT RESURVEY SUPERSEDING SURVEY EXECUTED BY
Rathbone and Mason in 1916.

From the $\frac{1}{4}$ sec. cor., of secs. 2 and 3 which is an iron post, 1 in. diam., firmly set in large mound of stone with brass cap mkd.

S 3 | S 2

1916

with mound of stone W. of the cor.

Thence

N. 0°01'W., on true line bet. secs. 2 and 3.

Over bench land of Hart Draw, through medium undergrowth.

17.90 Draw, drains NW.

43.50 Bottom of Hart Draw wash, 5 ft. deep, and 3 chs. wide, drains W. Gradual asc.

81.00 Draw, drains SW.

100.00 Draw, 20 ft. deep, drains SE.

SUBDIVISION OF T. 30 S., R. 21 E.

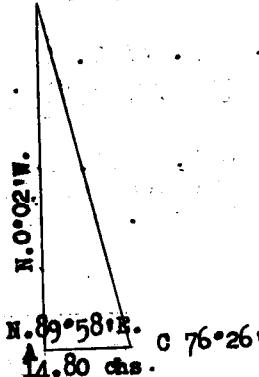
Chains																			
121.05	<p>Intersect S. bdy. of T. 29 S., R. 21 E., N. $89^{\circ}57'E.$, 1.39 chs. dist., from the $\frac{1}{4}$ sec. cor., for sec. 34, heretofore described. At point of intersection,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., over cross (X) cut in solid surface rock, 30 ins. in large mound of stone for the closing cor. of secs. 2 and 3, with brass cap mkd.</p> <table border="1" style="margin-left: 20px;"> <tr> <td>T29S</td><td>R 21E</td></tr> <tr> <td>S</td><td>34</td></tr> <tr> <td>S 3</td><td>S 2</td></tr> <tr> <td>T30S</td><td>R 21E</td></tr> <tr> <td>C</td><td>C</td></tr> <tr> <td colspan="2">1927</td></tr> </table> <p>No other suitable accessories available.</p> <p>Land, broken bench, general drainage and exposure W.</p> <p>Soil, sandy loam and clay; 2nd rate.</p> <p>Timber, none.</p> <p>Undergrowth, shadscale, greasewood and blackbrush.</p> <p>Fair grazing land.</p> <hr/> <p>INDEPENDENT RESURVEY SUPERSEDING SURVEY EXECUTED BY Rathbone and Mason in 1916.</p> <p>From the $\frac{1}{4}$ sec. cor., for sec. 3 and 4 which is an iron post, 1 in. diam., firmly set in the ground, with brass cap mkd.</p> <table border="1" style="margin-left: 20px;"> <tr> <td>$\frac{1}{4}$</td><td></td></tr> <tr> <td>S 4</td><td>S 3</td></tr> <tr> <td colspan="2">1916</td></tr> </table> <p>raise a mound of stone $2\frac{1}{2}$ ft. base and $1\frac{1}{2}$ ft. high W. of the cor.</p> <p>Thence</p> <p>N. $0^{\circ}02'W.$, on a true line, bet. secs. 3 and 4.</p> <p>Over broken bench land, through medium undergrowth.</p> <p>22.00 Bottom of Hart Draw wash, 4 chs. wide and 5 ft. deep, 30 ft. below $\frac{1}{4}$ sec. cor., drains W.</p> <p>47.83 Set flag for triangulation.</p> <p>80.00 No trace of the witness point could be found.</p> <p style="text-align: center;">New Work</p> <p>The line to the N. ascends over precipitous slope and the vertical rim of Hatch Point, over which chaining is impracticable. Therefore to determine measurement I return to flag at 47.83 chs. and triangulate as follows:</p> <p>Erect flag "A" at this point and erect flag "B" on line to the N., from "A" survey base line N. $89^{\circ}58'E.$, 14.80 chs. and erect flag "C". From "C" flags "AB" subtend an angle of $76^{\circ}26'$; angles checked by repetition and base line double chained.</p>	T29S	R 21E	S	34	S 3	S 2	T30S	R 21E	C	C	1927		$\frac{1}{4}$		S 4	S 3	1916	
T29S	R 21E																		
S	34																		
S 3	S 2																		
T30S	R 21E																		
C	C																		
1927																			
$\frac{1}{4}$																			
S 4	S 3																		
1916																			

SUBDIVISION OF T. 30 S., R. 21 E.

B 15°34'

Chains

V.A. plus 19°



Distance on line ----- 47.83 chs.
 Distance by triangulation ----- 61.33 "
 Total distance on line ----- 109.16 "

109.16 Top of Hatch Point, bears E. and W. Thence over bench land through medium growth of timber.

121.08 Intersect S. bdy., T. 29 S., R. 21 E., N. 89°57'E., 129 lks. dist., from the $\frac{1}{4}$ sec. cor. for sec. 33, heretofore described. At point of intersection

Set an iron post, 3 ft. long, .2 ins. diam., 8 ins. in the ground, and 22 ins. in large mound of stone, for the closing cor. of secs. 3, and 4 T. 30 S., R. 21 E., with brass cap mkd.

T29S	R 21 E
S	33
S 4	S 3
T30S	R21E.
C	C
1927	

from which

A pinon 6 ins. diam., bears S. 87 3/4°W., 83 lks. dist., mkd. T 30 S R21 E S 4 C C B T.

A pinon, 6 ins. diam., bears S. 31°E., 07 lks. dist., mkd. T 30 S R 21 E S 3 C C B T.

Land, rough and broken, general drainage and exposure SW.

Soil, sandy loam and clay, sandstone surface rock; 3rd rate.

Timber, juniper and pinon.

Undergrowth, shadscale, greasewood and blackbrush.

Fair grazing land.

GENERAL DESCRIPTION

Most of the land embraced in the survey represented by these notes lies on top of Hart Point and was excluded as unsurveyable at the time of a previous survey in the township. Hart Point lies on top of the Vermillion (Wingate sandstone) Ledge and is about fifteen hundred ft. above the floor of Indian Creek and Hart Draw. On top, the land is rough and broken with sandstone outcroppings. The soil is generally a light sandy loam on top of sandstone bedrock. On the talus slope, the soil is sandy loam mixed with sandstone and in the bottom of the draws, consists of

GENERAL DESCRIPTION

sandy loam and clay.

The vegetation consists of scrub juniper and pinon timber of little or no commercial value, with scattered parks of blackbrush and sage brush with a scant growth of grass, on the mesa land. The bottoms of the draws have sage brush, blackbrush, shadscale and a scant growth of grass, which affords winter grazing for stock as summer grazing is impracticable on account of no permanent water.

The Vermillion Ledge is from 300 to 500 ft. high. A steep talus slope lies below the ledge, and from the bottom of which the land slopes gradually in to the bottom of Hart Draw and Indian Creek.

The drainage is generally into the Colorado River.

The land is useful for grazing only, as there is no water with which to irrigate land in the bottom of Hart Draw, which is the only land suitable for farming.

There are no settlers or habitations in the area under survey.

No surface indications of oil or commercial mineral were noted.

The magnetic declination was not taken because of defective needles.

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FIELD ASSISTANTS

CERTIFICATE OF UNITED STATES SURVEYOR

We, Charles F. Moore and Robert G. Yundt, hereby certify upon honor that, in pursuance of special instructions bearing date of the 27th day of August, 1927, received from the district cadastral engineer for Utah, with assignment instructions dated September 20, 1927, we have resurveyed those portions of the East and North Boundaries and the Subdivision, and surveyed those portions of the Subdivision of Township 30 South, Range 21 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah, February 24, 1930. Chas. F. Moore
U. S. Surveyor

Salt Lake City, Utah, February 24, 1930. Robert G. Yundt
U. S. Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, MAR 1 - 1937, 19

The foregoing field notes of the resurvey of portions of the East and North Boundaries and the Subdivision, and survey of portions of the Subdivision, completing the survey of Township 30 South, Range 21 East

executed by Charles F. Moore and Robert G. Yundt, U. S. Surveyors, under special instructions dated August 27, 1927, and assignment instructions dated September 20, 1927, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.



Daniel P. Johnson
U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.

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RECEIVED

JAN 20 1933

Department Of The Interior

Public Survey Office

Salt Lake City, Utah

A

FIELD NOTES

OF THE SURVEY OF THE

WEST AND NORTH BOUNDARIES

AND

SUBDIVISION

AND

DEPENDENT RESURVEY OF THE

EAST BOUNDARY OF T.15 S., R. 18 E.

Of the SALT LAKE Meridian,In the State of UTAH

EXECUTED BY

CHAS. F. MOORE

In the capacity of U.S. Surveyor, under Special Instructions dated April 10, 1929, issued by the District Cadastral Engineer to govern surveys included in Group No. 218, which were approved by the Commissioner of the General Land Office, May 14, 1929, and Assignment Instructions dated May 1st, 1930-May 1st, 1931; May 5th, 1932.

Survey commenced August 1, 1930, 1930Survey completed September 25, 1932

INDEX DIAGRAM.

Township 15 S., *Range* 18 E.

29	28	27	26	25	24	
25 6	100 8	78 4	64 3	52 2	41 1	13 4
99	98	77	63	51	40	
22 1	97 5	76 9	62 10	50 11	39 12	12 4
96	95	75	61	49	38	
21 18	94 17	74 16	60 15	48 14	37 13	10 4
92	90	73	59	47	36	
19 19	89 20	71 21	58 22	46 23	34 24	8 3
88	87	71	57	45	34	
17 20	84 20	69 26	56 27	44 26	32 25	6 3
83	81	68	55	43	31	
15 21	79 22	65 28	53 24	42 23	30 26	5 3

Survey commenced August 1, 1930, and was executed with a Buff and Buff light mountain transit, No. 9983; the instrument is equipped with full vertical circle and the Smith solar attachment; unless otherwise specified all azimuth determinations are accomplished with the solar attachment. The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer on May 1st, 1930, May 1st, 1931 and May 5th, 1932. I examined all the instrumental adjustments before making the field tests hereinafter recorded.

The measurements were made with Lallie steel tape, 8 chs. in length, graduated every link for the first 100 lks. and the balance at intervals of 10 lks. The tape was tested by comparison with Lufkin standard 1 ch. tape, and found correct. The measurement was made on the slope, and the vertical angle of each interval was ascertained by clinometers in good condition; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position for the SE. cor. of the Tp., as follows: Latitude 39°28'N., and longitude 109°53'W.

T. 15 S., R. 18 E., was surveyed in conjunction with T. 16 S., R. 18 E., same group, During the year of 1930, for the field tests see the official record of T. 16 S., R. 18 E. The survey was discontinued on October 5, 1930.

Resume the survey of T. 15 S., R. 18 E., July 20, 1931.

July 18th, 1931, in camp on the S. bdy., of sec. 36, T. 15 S., R. 18 E., 11h 58.4m p.m. 1.m.t. I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a tack at the mean point, on a peg driven firmly

in the ground 10 chs. N. July 19th, 1931, 6 p.m. l.m.t., I lay off the azimuth of Polaris, $1^{\circ}23'$, and make a meridian mark on a second peg to the west of the mean point in the line determined by the observation.

Every 30 min. from 7 to 10:30 a.m. and from 1:30 to 5 p.m., I make the proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1'30''$.

I repeat the tests of the arcs daily by noon observations and verify the meridional indications at frequent intervals throughout the survey.

Discontinue the survey of T. 15 S., R. 18 E., August 14, 1931; Resume the survey of T. 15 S., R. 18 E., August 22nd, 1932.

August 20, 1932: At the corner of T. 15 S., R. 18 and 19 E., at 9h 46m p.m. l.m.t., I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a tack at the mean point, on a peg driven firmly in the ground 10 chs. N. August 21st, 1932, 6h a.m. l.m.t., I lay off the azimuth of Polaris, $1^{\circ}22'$, and make a meridian mark on a second peg to the west of the mean point in the line determined by observation.

Every 30 min. from 7 to 10:30 a.m. and from 1:30 to 5 p.m., I make the proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1'30''$.

I repeat the tests of the arcs daily by noon observations and verify the meridional indications at frequent intervals throughout the survey.

DEPENDENT RESURVEY OF EAST BOUNDARY T. 15 S., R. 18 E.

Chains	<p>"Reestablishment of surveys executed by Scott P. and John R. Stewart, U.S. Deputy Surveyors in 1901."</p> <p style="text-align: center;">RANDOM LINES stand.</p> <p>From the restored/cor. of T. 15 S., Rs. 18 and 19 E., which was reestablished by me in the survey of T. 16 S., R. 18 E., for description and reestablishment of this corner see the notes of T. 16 S., R. 18 E.</p> <p>North, bet. secs. 31 and 36.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor. No trace of the original corner could be found.</p> <p>80.00 Set temp. corner of secs. 25, 30, 31 and 36, After diligent search no trace of the orig. cor. could be found.</p> <hr/> <p>From the temp. cor. of secs. 25, 30, 31 and 36.</p> <p>North bet. secs. 25 and 30.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor. After diligent search no trace of the original $\frac{1}{4}$ sec. cor. could be found.</p> <p>78.96 Fall 98 lks. E. of the corner of secs. 19, 24, 25 and 30, hereinafter described.</p> <p>Therefore the true bearing of the line bet. secs. 31 and 36 and the line bet. secs. 25 and 30 is N.0°21'W., and the distance of each half mile is 39.74 chs.</p> <hr/> <p>From the cor. of secs. 19, 24, 25 and 30.</p> <p>North, bet. secs. 19 and 24.</p> <p>39.79 Fall 6 lks. E. of the $\frac{1}{4}$ sec. cor. for secs. 19 and 24, hereinafter described.</p> <p>Therefore the true bearing of this half mile is N.0°5'W., and the distance is 39.79 chs.</p> <p>From the $\frac{1}{4}$ sec. cor.</p> <p>North with continuous measurement, bet. secs. 19 and 24.</p> <p>79.76 Fall 22 lks. E. of the cor. of secs. 13, 18, 19 and 24, hereinafter described.</p> <p>Therefore the true bearing of this half mile is N.0°19'W., 39.97 chs.</p>
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X-512

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 18

		81.16
Chains	From the cor. of secs. 13, 18, 19 and 24 E. North, bet. secs. 13 and 18.	81.16
40.00	Set temp. $\frac{1}{4}$ sec. cor. After diligent search no trace of the original $\frac{1}{4}$ sec. cor., could be found.	
81.09	Fall 1.24 chs. E. of the cor. of secs. 7, 12, 13 and 18, hereinafter described. Therefore the true bearing of this mile is N.0°53'W., and the distance of each half-mile is 40.545 chs.	
	<hr/>	
	From the cor. of secs. 7, 12, 13 and 18. North, bet. secs. 7 and 12.	
39.91	Fall 7 lks. E. of the $\frac{1}{4}$ sec. cor., for secs. 7 and 12, hereinafter described. Therefore the true bearing of this half mile is N.0°06'W., and the distance is 39.91 chs.	
	<hr/>	
	From the $\frac{1}{4}$ sec. cor., for secs. 7 and 12. North with continuous measurement.	
81.16	Fall 52 lks. W. of the cor. of secs. 1, 6, 7 and 12, hereinafter described. Therefore the true bearing of this half mile is N.0°43'E., and the distance is 41.25 chs.	
	<hr/>	
	From the cor. of secs. 1, 6, 7, and 12. North bet. secs. 1 and 6.	
40.10	Fall 47 lks. W. of the $\frac{1}{4}$ sec. cor. hereinafter described. From the $\frac{1}{4}$ sec. cor. North, with continuous measurement.	
	<hr/>	
80.75	Fall 19 E. of the cor. of Tps. 14 and 15 S., Rs. 18 and 19 E., hereinafter described. Therefore the true bearing of the S. half mile is N.0°40' E. and the distance is 40.10 chs.	
	<hr/>	
	Therefore the true bearing of the N. half mile is N.0°18'W., and the distance is 40.65 chs.	
	The mean bearing of the East boundary of T. 15 S., R. 18 E., is N.0°13'W.	

DEPENDENT SURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 18 E.

Chains

TRUE LINE.

sqd. 5a From the restored cor. of T. 15 S., Rs. 18 and 19 E., which is an iron post, 2 ins. diam., firmly set, properly marked and witnessed as described in the official record.

N.0°21'W., along Wsbdy. of sec. 31.

Over mountainous land through dense undergrowth and medium dense timber.

4.60 Bottom of wash, 10 ft. deep, 15 lks. wide in bottom of draw, draining NE.

Ascend 250 ft. along E. slope.

39.74 At the proportionate point

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., for sec. 31 only, with brass cap mkd.

 $\frac{1}{4}$

S 31

1930

from which

A juniper 5 ins. diam., bears N.12°00'E., 70 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

A pinon, 28 ins. diam., bears S.35°00'E., 6 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to solid rock and surrounded by mound of stone, to the top, for the $\frac{1}{4}$ sec. cor., of sec. 36 only, with brass cap mkd.

 $\frac{1}{4}$

S 36

1930

from which

A pinon, 14 ins. diam., bears S.22°30'W., 46 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

A juniper 4 ins. diam., bears N.9°30'W., 36 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

Ascend 70 ft. over SE. slope.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Chains
49.00 Top of spur, slopes NE. Descend 65 ft. over NW. slope.
56.00 Bottom of draw, course NE. Ascend 15 ft. over SW. slope.
68.00 Top of spur, slopes NE., Descend 475 ft. over NE. slope.
69.00 Commence abrupt descent, rim of mesa, bears NW. and SE.
79.48 At the proportionate point
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground, for the cor. of secs. 30 and 31, T. 15 S.
R. 19 E., with brass cap mkd.

T15S
R19E
S 30
S 31
1930

at top 68.4

68.4

68.4

AV. 68.

From which

A fir, 8 ins. diam., bears N.66°15'W., 112 lkd. dist.,
mkd. B T.

No other suitable bearing trees available.

Raise mound of stone, 3 ft. base, 2 ft. high, E. of the
cor.

Land, rolling mountainous; general drainage NE.

Soil, black gravelly loam; 2nd rate.

Timber, juniper, pinon and fir.

Undergrowth, serviceberry, oak. and sage brush.

Pear grazing.

W.0°21'W., along W. bdy. of sec. 30. .08
Over rolling mountainous land, through dense undergrowth
and medium dense timber.
0.82 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground, for the cor. of secs. 25 and 36, with brass
cap mkd.

T15S
R18E
S 25
S 36
1930

From which
A fir, 10 ins. diam., bears N.61°W., 84 lks. dist.,
m. T 15 S R 18 E S 25 S T.

S 1 . E . 2 SEPTEMBER 1930 SURVEY OF THE EAST BOUNDARY OF T. 15 S. R. 18 E.

Chain	At P.M., 14 ins. diam., bears N.22°W., 80 lks. dist., mkd., $\frac{1}{4}$ S 14 B T. To edd at bend east on steeply descending 110 ft. over NE. slope. Jaxx out in bottom of Cimarron Canyon, stream of clear water 2 lks. wide, coarse gravel. Ascend 175 ft. over SW. slope.
39.74	Commence abrupt ascent of 710 ft. over S. slope.
	At proportionate point Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and surrounded by a mound of stone to the top, for the $\frac{1}{4}$ sec. cor., for sec. 30 only, with brass cap mkd.
	$\frac{1}{4}$ S 30 1930
	from which A pinon, 8 ins. diam., bears N.12°00'E., 12 lks. dist., mkd., $\frac{1}{4}$ S 30 B T.
	A pinon, 10 ins. diam., bears S.52°00'E., 87 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.
40.52	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., for sec. 25 only, with brass cap mkd.
	$\frac{1}{4}$ S 25 1930
	from which A pinon, 14 ins. diam., bears S.68°00'W., 89 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.
	A pinon, 12 ins. diam., bears N.65°00'W., 88 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.
	Continue ascent of 20 ft. over S. slope.
45.70	Top of spur, slopes W. Descend 290 ft. over NW. slope.
60.00	Bottom of canyon, course NW. Ascend 20 ft. of SW.slope.
61.00	Top of spur, slopes NW. Descend 20 ft. over NW. slope.
62.20	Bottom of draw, course W. Ascend 175 ft. over SW.slope.
792.48	The orig. cor of secs. 19, 24, 25 and 30, which is a

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 18 E.

Chains sandstone, 14x16x20 ins. firmly set, properly mkd. and witnessed as described in the official records.

At the exact corner point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the orig. corner deposited along side, for the cor. of secs. 19 and 30, T. 15 S., R. 18 E., with brass cap mkd.

T15S

R18E

S 19

—
S 30

1930

and raise

mound of stone, 3 ft. base, 2 ft. high, E. of the cor.

There were no suitable bearing trees available.

Land, rolling mountainous; general drainage W.

Soil, black gravelly loam; 2nd rate.

Timber, juniper, pinon and fir.

Undergrowth, service berry and oak.

Poor grazing land.

N.0°05'W., along W. bdy. of sec. 19.

Over rolling mountainous land, through medium dense timber and scattering undergrowth.

Ascend 60 ft. over S. slope.

1.04 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 24 and 25, with brass cap mkd.

T15S

R18E

S24

—
S25

1930

from which

A pinon 12 ins. diam., bears S.80°00'W., 30 lks. dist. mkd. T 15 S R 18 E S 25 B T.

A pinon 14 ins. diam., bears N.55°00'W., 50 lks. dist., mkd. T 15 S R 18 E S 24 B T.

1.10 Top of spur, slopes W. Descend 90 ft. over NW. slope.

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 18 E.

Chains

9.60 Bottom of draw, course SW. Ascend 375 ft. over SW. slope.

22.00 Top of spur, slopes S. 70°W. Descend 250 ft. over NW. slope.

37.60 Bottom of draw, course W. Ascend 20 ft. over SW. slope.

39.79 The orig. $\frac{1}{4}$ sec. cor., for secs. 19 and 24, which is sandstone 12 x 12 x 16 ins. firmly set, properly mkd. and witnessed as described in the official record.

At the exact corner point

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor. for sec. 19 only, with brass cap mkd.

$\frac{1}{4}$
S 19
1930

and raise

mound of stone, 3 ft. base, 2 ft. high, E. of the cor.

No suitable bearing trees available.

Thence

N. 0°19'W., with continuous measurement.

41.04 Set an iron post, 3 ft. long, 1 in. diam., over X cut in solid rock, and surrounded by a mound of stone to the top, for the $\frac{1}{4}$ sec. cor., for sec. 24 only, with brass cap mkd.

$\frac{1}{4}$
S 24
1930

No other suitable accessories available.

Ascend 155 ft over S. slope.

46.00 Top of spur, slopes W. Descend 90 ft. over N. slope.

57.10 Bottom of draw, course SW. Ascend 295 ft. over broken SW. slope to the sec. cor.

64.20 Top of small spur, slopes SW.

76.50 Bottom of draw, course SW.

79.76 The orig. cor. of secs. 13, 18, 19 and 24, which is a sandstone 12 x 12 x 16 ins. properly mkd, firmly set, and witnessed as described in the official record.

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 18 E.

Chains	<p>At the exact corner point Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 18 and 20, T. 15 S., R. 19 E., with brass cap mkd.</p> <p style="text-align: center;"> T15S R19E S 18 — S 19 1930 </p> <p style="text-align: right;">and raise</p> <p>mound of stone, 3 ft. base, 2 ft. high, E. of the cor. No suitable bearing trees available. Land, mountainous; general drainage SW. Soil, black gravelly loam; 2nd rate. Timber, juniper and pinon. Undergrowth, service berry and oak brush. Poor grazing.</p> <hr/> <p>N.0°53'W., along W. bdy. of sec. 18. Over rolling mountainous land, through scattering timber and dense undergrowth. Ascend 50 ft. over S. slope to top of divide.</p>
1.28	<p>Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the cor. of secs. 13 and 24, with brass cap mkd.</p> <p style="text-align: center;"> T15S R18E S13 — S24 1930 </p> <p style="text-align: right;">from which</p> <p>A juniper 8 ins. diam., bears S.44°00'W., 284 lks. dist., mkd. T 15 S R 18 E S.24 B.T.</p> <p>A juniper 3 ins. diam., bears N.86°00'W., 69 lks. dist., mkd. B.T.</p>
4.10	Old wagon road, bears E. and W.
6.90	Top of divide, bet. Chandler canyon and Hill Creek, bears E. and W. Leave timber bears E. and W.

181.8.2 DEPENDENT REVIEW OF THE EAST BOUNDARY OF T4S S., R. 18 E.

Chains	Descend 215 ft. over broken NW. slope to $\frac{1}{4}$ sec. cor.
19.80	Bottom of small draw, course NW.
24.20	Top of small spur, slopes NW.
40.545	Proportionate point
41.000	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., for sec. 18 only, with brass cap mkd.
	S 18 5
	1930
	and raise mound of stone, 3 ft. base, 2 ft. high, E. of the cor.
41.185	Mid point bet. the cor. of secs. 13 and 24, and the cor. of secs. 7, 12, 13 and 18.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., for sec. 13 only, with brass cap mkd.
	S 13
	1930
	and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
42.80	Bottom of draw, course NE. Ascend 30 ft. over SE. slope.
50.20	Top of spur, slopes NE. Descend 10 ft. over N. slope.
52.80	Bottom of draw, course NE. Ascend 140 ft. over SE. slope.
72.50	Top of spur, slopes NE. Descend 165 ft. over NE. slope.
79.50	Draw, course NE. Ascend 10 ft. over SE. slope.
81.09	The orig. cor. of secs. 7, 12, 13 and 18, which is a sandstone, 10 x 16 x 24 ins. firmly set, properly mkd. and witnessed as described in the official record.
	At the exact corner point
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the orig. corner deposited alongside, for the cor. of secs. 7, 12, 13 and 18, with brass cap mkd.
	S 13 5
	1930

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.15 S., R. 18 E.

Cheins

T15S	
R18E	R19E
S12	S 7
<hr/>	
S13	S18
1930	

and raise mound
of stone, 3 ft. base, 2 ft. high W. of the cor.
Land, mountainous; general drainage NE.
Soil, black gravelly loam; 2nd rate.
Timber, a few scattered juniper and pinon.
Undergrowth, service berry, oak and sage brush.
Fair grazing.

N.O. °06'W., bet. secs. 7 and 12.

Over broken mountainous land through dense undergrowth
Ascend 90 ft. over SE. slope.

- 8.60 Top of spur, slopes E. Descend 90 ft. over N. slope.
15.90 Bottom of draw, course SE. Ascend 190 ft. over SE. slope.
30.20 Top of ridge, bears E. and W. Descend 30 ft. over N. slope.
39.91 The orig. $\frac{1}{4}$ sec. cor., for secs. 7 and 12, which is a
sandstone, 9 x 10 x 16 ins. firmly set, properly mkd.
and witnessed as described in the official record.
At the exact corner point.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd..

$\frac{1}{4}$	
S 12	S 7
<hr/>	
1930	

and raise mound
of stone, 3 ft. base, 2 ft. high, W. of the cor.

Thence

- 43.20 N.O.°43'E., with continuous measurement.
55.50 Bottom of draw, course NE. Ascend 65 ft. over SE. slope.
Top of ridge, bears NE. and SW. Gradual descent of 80 ft.
over NW. slope.
79.91 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground, for the cor. of secs. 1, and 12 only, with
brass cap mkd.

DEPONENT RESURVEY OF THE EAST BOUNDARY OF T. 15 S., R. 18 E.

Chains	T15S R18E S 1 S12 1930
	and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
81.16	The orig. cor. of secs. 1, 6, 7 and 12, which is a sandstone, 10 x 12 x 18 ins. firmly set, properly mkd. and witnessed as described in the official record. At the exact corner point Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the cor. of secs. 6 and 7, T.15 S., R. 19 E., with brass cap mkd.
	T15S R19E S 6 S 7 1930
	and deposit the original corner at the base of the mound. Land, rolling mountain; general drainage and exposure NE. Soil, black gravelly loam; 2nd rate. Timber, a few scattering juniper and pinon. Undergrowth, service berry, oak and sage brush. Fair grazing.
	 N.0°40'E., along W. bdy. of sec. 6. Over mountainous land, through dense undergrowth and scattering timber. Descend 25 ft. over N. slope. 4.40 Bottom of small draw, course NW. Ascend 10 ft. 6.50 Top of spur, slopes NW. Descend 100 ft. over N. slope. 15.00 Bottom of draw, course W. Ascend 100 ft. over S. slope. 19.60 Top of spur, slopes W. Descend 80 ft. over N. slope. 26.70 Bottom of draw, course W. Ascend 15 ft. over S. slope. 33.00 Top of spur, slopes W. Descend 100 ft. over N. slope. 38.75 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor. for sec. 1 only, with

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF SECTION S. N. 18

RECORD

- Chains brass cap mkd.
- $\frac{1}{4}$
- S 1
- 1930
- and raise mound
- of stone, 3 ft. base, 2 ft. high, W. of the cor.
- 40.10 The orig. $\frac{1}{4}$ sec. cor., for secs. 1 and 6, which is a sandstone, 10 x 12 x 24, ins. firmly set, properly mkd. and witnessed as described in the official record.
- At the exact corner point
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the orig. cor. deposited alongside, for the $\frac{1}{4}$ sec. cor., for sec. 6 only with brass cap mkd.
- $\frac{1}{4}$
- S 6
- 1930
- and raise
- mound of stone, 3 ft. base, 2 ft. high, E. of the cor.
- Thence
- N.0°16'W., with continuous measurement.
- 41.30 Bottom of draw, course W. Ascend 85 ft. over S. slope.
- 47.50 Top of spur, slopes W. Descend 220 ft. over N. slope.
- 80.75 The cor. of Tps. 14 and 15 S., R. 18 and 19 E., which is a sandstone, 6 x 12 x 24 ins. firmly set, properly mkd. and witnessed as described in the official record.
- At the exact corner point
- Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with the orig. cor. deposited at the base, for the cor. of Tps. 14 and 15 S., Rs. 18 and 19 E., with brass cap mkd.
- T14S
R18E R19E
S36 S31
-
- S 1 S 6
T15S
1930
- and raise mound
- of stone, 4 ft. base, 5 ft. high, S. of the cor. 3V.85
- Land, rolling mountain; general drainage NW.

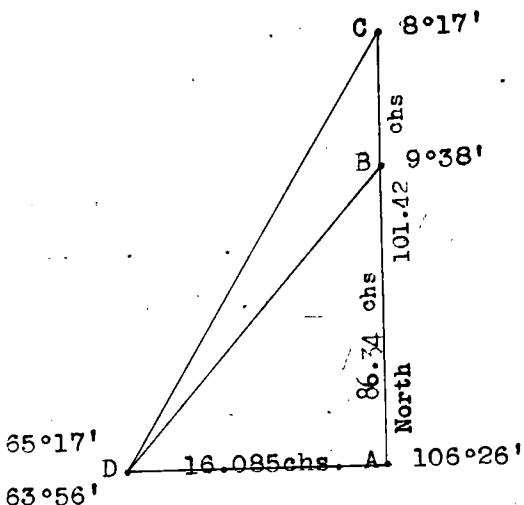
SURVEY OF THE WEST BOUNDARY OF T. 15 S., R. 18 E.

Chains	Soil, black gravelly loam; 2nd rate.
	Timber, scattering juniper and pinon.
	Undergrowth, service berry, oak and sage brush.
	Fair grazing.
<hr/>	
SURVEY OF THE WEST BOUNDARY OF T. 15 S., R. 18 E.	
From the Standard corner of T. 15 S., Rs. 17 and 18 E., which is an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.	
North, on true line bet. secs. 31 and 36.	
Over mountainous land through medium undergrowth.	
Descend 30 ft. over NW. slope.	
3.50	Bottom of draw, course NE. Ascend 60 ft. over SE. slope.
13.10	Top of spur, slopes NE. Descend 400 ft. over NW. slope to the $\frac{1}{4}$ sec. cor.
22.37	Set point for triangulation.
23.20	Rim of Moonwater Point, bears E. and W. Enter dense timber bears E. and W. Commence abrupt descent.
30.41	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.
<p style="text-align: center;">WC 1/4 S 36 S 31 1931</p>	
from which	
A fir, 6 ins. diam., bears N.53°00'E., 58 lks. dist., mkd. WC $\frac{1}{4}$ S 31 B T.	
A fir, 24 ins. diam., bears N.81°00'W., 59 lks. dist., mkd. WC $\frac{1}{4}$ S 36 B T.	
The line to the north crosses a deep inaccessible canyon with precipitous slopes over which chaining is impracticable. To determine the distance I return to the 22.37 chs. point, which is designated as A, and triangulate as follows:	
From point A erect flags B and C to the north on line, and flag D southwesterly 16.085 chs. mean dist.	

SURVEY OF THE WEST BOUNDARY OF T. 15 S., R. 18 E.

Chains

By 1st set of chainmen 16.09 chs.
By 2nd set of chainmen 16.08 chs.



All angles determined by three repetitions with error balanced to 180°

At point A $106^\circ 26'$
At point B $9^\circ 38'$
At point C $8^\circ 17'$
At point D $63^\circ 56'$ and $65^\circ 17'$

Vertical angle from A to B is minus 6° ; and from A to C is plus $16\frac{1}{2}^\circ$

Distance on line to point A is -----	22.37 chs.
Distance by triangulation A to B-----	86.34 chs.
Total distance on line to B is-----	108.71 chs.
Distance by return measurement-----	20.99 chs.
	87.72 chs.

Distance on line to A-----	22.37 chs.
Distance by triangulation A to C-----	101.42 chs.
Total distance on line to C-----	123.79 chs.

- 40.00 True point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges where it is impracticable to set corner.
- 65.00 Approximate dist.: Bottom of canyon, course NW.
- 79.00 Approximate dist.: Top of spur, slopes W.
- 80.00 Point for the cor. of secs. 25, 30, 31 and 36, falls on inaccessible W. slope where it is impracticable to set corner.
- 87.72 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the witness cor. of secs. 25, 30, 31 and 36, with brass cap mkd.

SURVEY OF THE WEST BOUNDARY OF T. 15 S., R. 18 E.

	Chains have been laid out in T15S, sec. 30, and the job assigned to old object to be taken up S25 S30 the work of which . . . 836 S31 W.C. 1 1931
	from which
	A fir, 8 ins. diam., bears N.86°00'E., 23 lks. dist., mkd. W.C. T 15 S R 18 E S 30 B.T.
	A fir, 8 ins. diam., bears S.45°00'E., 28 lks. dist., mkd. W.C. B.T.
	A fir, 14 ins. diam., bears S.83°00'W., 16 lks. dist., mkd. W.C. T 15 S R 17 E S 25 B.T.
	A fir, 6 ins. diam., bears N.14°00'W., 25 lks. dist., mkd. W.C. T 15 S R 17 E S 25 B.T.
	Land; rough mountainous; general drainage NW. Soil; loose sandy loam, sandstone and shale surface rock; 3rd rate.
	Timber; fir, pinon and juniper. Undergrowth; sage brush, service berry, buck, and oak brush.
	Grazing good on south portion and poor on north portion of this mile.
	North, bet. secs. 25 and 30. Counting distance from the true corner point. Over rough mountainous land, through dense timber and medium undergrowth.
7.72	The witness corner of secs. 25, 30, 31 and 36. Ascend 715 ft. over SW. slope, to point B. of triangulation.
9.80	Small draw, course W.
28.71	Point B of triangulation, determined bet. secs. 31 and 36. Also top of spur, slopes W. Continue ascent over precipitous W. slope, over which chaining is impracticable.
40.00	True point for the $\frac{1}{4}$ sec. cor., falls on sloping ledge.
43.79	Point C of triangulation determined bet. secs. 31 and 36. Also top of ridge, bears E. and W. no points to

~~SURVEY OF THE WEST BOUNDARY OF T. 15 S.~~

Chains

Set an iron post, 3 ft. long, 1 in. diam., over ~~an~~ ~~part~~ in solid rock and surrounded by mound of stone to the top, for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

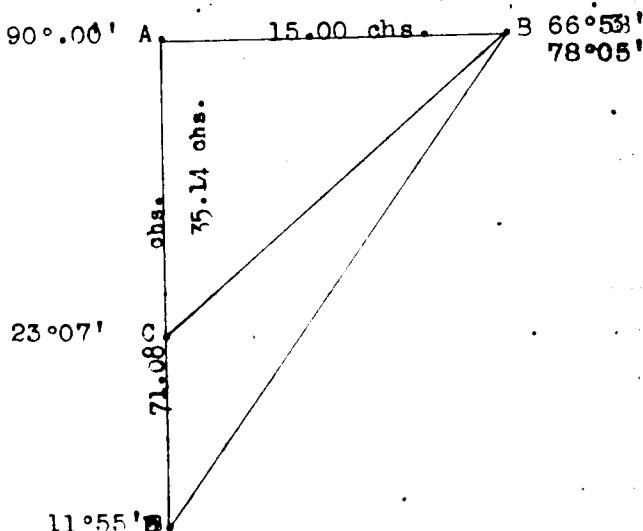
$\frac{1}{4}$
S 25 | S 30
WC
1931.

No other suitable accessories available.

The line to the north descends over precipitous N. slope of Chandler Canyon, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag D at the witness $\frac{1}{4}$ sec. cor.: From D erect flags C and A on line to the north, and erect flag B northeasterly from D. The mean distance of the base line AB is 15.00 chs.

by 1st set of chainmen	14.99 chs.
by 2nd set of chainmen	15.01 chs.



All angles determined by three repetitions with the error balanced to 180° .

At point A $90^\circ 00'$
 At point C $23^\circ 07'$
 At point B $11^\circ 55'$
 At point B $66^\circ 53'$ and $78^\circ 05'$

The vertical angle from D to A is minus 29° ; and from C to A is minus 24° .

Distance on line to point D-----	43.70 chs.
Distance by triangulation D to A-----	71.08 chs.
Total distance on line to A-----	71.57 chs.
Distance by triangulation C to A -----	35.14 chs.
Distance on line to C-----	79.73 chs.

SUMMARY OF THE BOUNDARY LINE FROM RIVER TO MOUNTAIN.

Chains	Distance from Point A to Point C, sec. 19, and from Point C to Point D, sec. 24, and from Point D to Point E, sec. 25, and from Point E to Point F, sec. 30, and from Point F to Point G, sec. 29, and from Point G to Point H, sec. 28, and from Point H to Point I, sec. 27, and from Point I to Point J, sec. 26, and from Point J to Point K, sec. 25, and from Point K to Point L, sec. 24, and from Point L to Point M, sec. 23, and from Point M to Point N, sec. 22, and from Point N to Point O, sec. 21, and from Point O to Point P, sec. 20, and from Point P to Point Q, sec. 19, and from Point Q to Point R, sec. 18, and from Point R to Point S, sec. 17, and from Point S to Point T, sec. 16, and from Point T to Point U, sec. 15, and from Point U to Point V, sec. 14, and from Point V to Point W, sec. 13, and from Point W to Point X, sec. 12, and from Point X to Point Y, sec. 11, and from Point Y to Point Z, sec. 10, and from Point Z to Point A, sec. 9, and from Point A to Point B, sec. 8, and from Point B to Point C, sec. 7, and from Point C to Point D, sec. 6, and from Point D to Point E, sec. 5, and from Point E to Point F, sec. 4, and from Point F to Point G, sec. 3, and from Point G to Point H, sec. 2, and from Point H to Point I, sec. 1, and from Point I to Point J, sec. 0.	811.60
79.73	Point C of triangulation.	00.73
80.00	Set an iron post, 3 ft. long, 2 ins. diam., over X cut in solid rock, and surrounded by mound of stone to the top, for the cor. of secs. 19, 24, 25 and 30, with brass cap mkd.	

T15S	
R17E	R18E
S24	S19

S25	S30

1931.

from which

A fir, 24 ins. diam., bears N.80°15'E., 33 lks. dist., mkd. T 15 S R 18 E S 19 B T.

A fir, 12 ins. diam., bears S.51°00'E., 93 lks. dist., mkd. T 15 S R 18 E S 30 B T.

A juniper, 12 ins. diam., bears S.37°30'W., 8 lks. dist., mkd. T.15 S R 17 E S 25 B T.

No other suitable bearing tree available.

Land, mountainous; general drainage and exposure W.

Soil, sandy clay loam, with sandstone surface rock; 3rd rate.

Timber, juniper, pinon and fir.

Undergrowth, service berry and oak brush.

Poor grazing.

North bet. secs. 19 and 24.

Over rough mountainous land, through dense timber and undergrowth. Descend N. slope over series of precipitous ledges.

Note: distance determined by return measurement from point A of triangulation see line bet. secs. 25 and 30.

27.90 Foot of precipitous slope bears SE. and NW. Leave timber bears SE. and NW. Thence across bottom of canyon.

29.40 Bottom of Chandler canyon, stream of clear water 2 lks.

wide, course NW. Ascend 80 ft. to $\frac{1}{4}$ sec. cor.

Point A of triangulation.

Foot of precipitous S. slope, bears NW. and SE. Enter Point A of triangulation. Then descend through dense timber bears NW. and SE.

SURVEY OF THE WEST BOUNDARY OF T. 15 S. 40' R. 18 E.

**Chains
40.00**

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in
the ground to solid rock, and surrounded by mound of
stone to the top, for the $\frac{1}{4}$ sec. cor., with brass
cap mkd.

S 24 | S 19

1931

from which

A juniper 8 ins. diam., bears S.57°15'E., 148 lks. dist.
mkd. $\frac{1}{4}$ S 19 B T.

A juniper 3 ins. diam., bears S.42°00'W., 51 lks. dist.,
mkd. B T.

Ascend 630 ft. over precipitous S. slope.

50.00 Top of spur, slopes SE. Descend 80 ft. over NE. slope.

57.90 Bottom of small draw, course SE. Ascend 840 ft. over SW.
slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in
the ground to solid rock and surrounded by mound of
stone to the top, for the cor. of secs. 13, 18, 19 and 24,
with brass cap mkd.

T15S	
R17E	R18E
S13	S18
—	
S24	S19

1932

from which

A juniper, 3 ins. diam., bears N.62°30'E., 96 lks. dist.,
mkd. B T.

A pinon, 5 ins. diam., bears S.71°45'E., 175 lks. dist.,
mkd. T 15 S R 18 E S 19 B T.

A juniper, 6 ins. diam., bears S.44°45'W., 41 lks. dist.,
mkd. T 15 S R 17 E S 24 B T.

No other suitable bearing tree available.

Land, rough mountains; general drainage W.

Soil, sandy loam; with sandstone surface rock; 2nd rate.

Timber, pinon and juniper.

Undergrowth, oak, buck and sage brush.

Poor grazing.

SURVEY OF THE WEST BOUNDARY OF T. 15 S., R. 18 E.

Chains	North bet. secs. 13 and 18. Over mountainous land through scattering timber and undergrowth. Ascend 430 ft. over SE. slope.
15.60	Top of spur, slopes SW. Descend 120 ft. over NW. slope.
27.90	Bottom of draw, course SW. Ascend 210 ft. over SE. slope.
39.80	Bottom of small draw, course SE. Continue ascent.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$

S 13 | S 18

1932.

from which

A pinon, 8 ins. diam., bears N.47°00'E., 24 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

A pinon, 6 ins. diam., bears S.49°00'W., 50 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

Continue ascent of 470 ft. over SE. slope, to sec. cor.

56.00	Rim of mesa, bears NE. and SW. continue gradual ascent. over mesa land.
-------	-------------------------------------------------------------------------

80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 7, 12, 13 and 18, with brass cap mkd.
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T15S
R17E R18E
S12 | S 7

S13 S18
1932

from which

A pinon 5 ins. diam., bears N.74°30'E., 137 lks. dist., mkd. T 15 S R 18 E S 7 B T.

A pinon, 12 ins. diam., bears S.6°00'E., 88 lks. dist., mkd. T 15 S R 18 E S 18 B T.

A juniper 12 ins. diam., bears S. 26°00'W., 70 lks. dist., mkd. T 15 S R 17 E S 13 B T.

A juniper, 4 ins. diam., bears N.19°00'W., 9 lks. dist., mkd. T 15 S R 17 E S 12 B T.

Land, mountainous; general drainage S.

SURVEY OF THE WEST BOUNDARY OF T.15 S., R. 18 E.

Soil, sandy loam with sandstone surface rock; 2nd rate.
Timber, juniper, pinon and fir.
Undergrowth, buck, oak and sage brush.
Sheep grazing.

North bet. secs. 7 and 12.

Over broken mountain land, through medium growth of
undergrowth. Ascend 10 ft. over S. slope.

4.40 Top of ridge, bears NE. and SW. Descend 530 ft. over NW.
slope.

8.60 Bottom of draw, course SW. Ascend 30 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$

S 12 | S 7

1932

and on the mound

of stone, 3 ft. base, 2 ft. high, W. of the cor.

Continue ascent of 470 ft. to the sec. cor.

40.70 Enter dense timber bears E. and W.

40.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground, for the cor. of secs. 1, 6, 7 and 12, with
brass cap mkd.

T15S
R17E R18E
S 1 | S 6
|
S12 | S 7
1932

from which

A juniper, 6 ins. diam., bears N.39°15'E., 485 lks.
dist., mkd. T 15 S R 18 E S 6 S T.

A juniper, 7 ins. diam., bears S.68°30'E., 322 lks.
dist., mkd. T 15 S R 18 E S 7 S T.

A juniper, 2 ins. diam., bears S.22°00'W., 403 lks.
dist., mkd. T 15 S R 17 E S 12 S T.

No other suitable bearing tree available.

Land, mountainous; general drainage SW.

Soil, sandy loam; 2nd rate.

Timber, juniper and pinon.

SURVEY OF THE WEST BOUNDARY OF T. 15 S., R. 18 E.

Chains Undergrowth, black, buck, oak, service berry and sage brush.

8.00 **Grazing fair.**

8.50 **North betw. sec. 1 and 6.**

W. 100 ft. P. Over mountainous land through medium dense undergrowth.

Ascend gradually over SW. slope, 80 ft.

19.40 Top of spur, slopes SW. Descend 120 ft. over NW. slope.

39.30 Bottom of draw, course SW. Ascend 20 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$.

S 1 | S 6

1932

and raise

mound of stone, 3 ft. base, 2 ft. high, W. of the cor.

Continue ascent of 180 ft. over SE. slope.

78.10 Top of ridge, bears E. and W. Descend 10 ft. over N. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for the cor. of Tps. 14 and 15 S., Rs. 17 and 18 E., with brass cap mkd.

T14S

R17E R18E

S36 | S31

S 1 | S 6

T15S

1932

and raise mound

of stone, 4 ft. base, 3 ft. high, S. of the cor.

Land, mountainous; general drainage W.

Soil, sandy loam with sandstone surface rock; 2nd rate.

Timber, juniper and pinon.

Undergrowth, oak, serviceberry, buck and sage brush.

Grazing fair.

SURVEY OF THE NORTH BOUNDARY OF THIS STATE.

SURVEY OF THE NORTH BOUNDARY OF T.15 S., R. 18 E.

Chains	<p>A pinon 8 ins. diam., bears N.$37^{\circ}30'$E., 115 lks. dist., mkd. T. 14 S R 18 E S 36 B T.</p> <p>A pinon, 3 ins. diam., bears S.$34^{\circ}30'$E., 39 lks. dist., mkd. B T.</p> <p>A pinon, 8 ins. diam., bears S.$49^{\circ}00'$W., 73 lks. dist., mkd. T 15 S R 18 E S 2 B T.</p> <p>A juniper, 5 ins. diam., bears N.$22^{\circ}00'$W., 71 lks. dist., mkd. T 14 S R 18 E S 35 B T.</p> <p>Land, rolling mountainous; general drainage N.</p> <p>Soil, sandy loam; 2nd rate.</p> <p>Timber, pinon and juniper.</p> <p>Undergrowth, sage and buck brush.</p> <p>Grazing fair.</p>
2.30	S. $89^{\circ}50'$ W., bet. secs. 2 and 35.
15.20	Over rolling mountainous land through scattering timber
	and medium undergrowth. Ascend 30 ft. over NE. slope.
19.90	Top of spur, slopes NE. Descend 250 ft. over NW. slope.
25.40	Bottom of draw, course N. 15° E., Ascend 40 ft. over SE. slope.
36.00	Top of spur, slopes NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
	the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 35
	$\frac{1}{4}$ —————
	S 2
	1932
	and raise
	mound of stone, 3 ft. base, 2 ft. high, N. of the cor.
	Descend 70 ft. over NW. slope.
48.10	Bottom of draw, course NE. Ascend 220 ft. over SE. slope.
57.00	Top of spur, slopes NE. Descend 180 ft. over NW. slope.
79.10	Bottom of draw, course NE. Continue descent.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
	the ground; for the cor. of secs. 2, 3, 34 and 35, with

SURVEY OF THE NORTH BOUNDARY OF T. 15 S.

Cheims	brass cap mkd.
	T148 R18E S34 S35
	S 3 S 2
	T158 1932
	and raise now
	of stone, 3 ft. base, 2 ft. high, N. of the cor.
	Land, rolling mountainous; general drainage N.E.
	Soil, sandy loam; 2nd rate.
	Timber, juniper.
	Undergrowth, buck, oak, service berry and sage brush.
	Fair grazing.
	 S. 30°50' W., bet. secs. 3 and 34.
	Over rolling mountainous land through scattering timber and medium dense undergrowth. Ascend 300 ft.,
20.00	Spur, slopes NE. Descend 70 ft. over NW. slope.
28.70	Bottom of draw, course NE. Ascend 40 ft. over SE. slope.
35.00	Top of spur, slopes 10 chs. NE. Descend 20 ft. over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{2}$ sec. cor., with brass cap mkd.
	S 34
	S 3
	1932
	and raise
	mound of stone, 3 ft. base, 2 ft. high, N. of the cor.
	Continue descent of 110 ft. on general NW. slope.
52.90	Bottom of draw, course NE. Ascend 250 ft. over SE. slope.
59.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 3, 4, 33 and 34, with brass cap mkd.
	T148 R18E S33 S 34
	S 4 S 3
	T158 1932
	and raise now
	of stone, 3 ft. base, 2 ft. high, N. of the cor.

SURVEY OF THE NORTH BOUNDARY OF T. 15 S., R. 18 E.

17.00	Land, mountainous; general drainage NE.
18.00	Soil, sandy loam with sandstone surface rock; 2nd rate.
19.00	Timber, pinon and juniper.
20.00	Undergrowth, oak, service berry, black, buck and sage brush.
21.00	Grazing fair.

S 33° 50' W., bet. secs. 4 and 33.

22.00	Over rolling mountainous land, through dense undergrowth.
23.00	Ascend 90 ft. along NE. slope.
17.90	Top of divide, bears NW. and SE. Descend 140 ft. over SW. slope.
18.80	Trail, bears S. to Wild Horse Basin and NE. to Hill Creek.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and surrounded by mound of stone to the top, with sandstone 6 x 8 x 10 ins. mkd. with X deposited at the base, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 33
 $\frac{1}{4}$ ——————
 S 4
 1932

No other suitable accessories available.

Continue descent of 220 ft. over general SW. slope.

58.10	Bottom of draw, course N. Ascend 80 ft. over E. slope.
61.50	Top of small spur, slopes N. 5 chs. dist. Continue descent.
65.90	Bottom of draw, course NE. This is the head of Fire Water Canyon. Enter scattering timber bears NE. and SW. Ascend 200 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 4, 5, 32 and 33, with brass cap mkd.

T14S R18E
 S32 | S33
 ——————
 S 5 | S 4
 T15S
 1932

from which

SURVEY OF THE NORTH BOUNDARY OF T.15 S., R. 18 E.

Chains	<p>A pinon, 3 ins. diam., bears N.75°00'E., 17 lks. dist. mkd. B T.</p> <p>A pinon, 13 ins. diam., bears S.59°00'E., 87 lks. dist. mkd. T. 15 S R 18 E S 4 B T.</p> <p>A pinon, 4 ins. diam., bears S.12°00'W., 156 lks. dist. mkd. T 15 S R 18 E S 5 B T.</p> <p>A pinon, 3 ins. diam., bears N. 26°30'W., 176 lks. dist., mkd. T 14 S R 18 E S 32 B T.</p> <p>Land, mountainous; general drainage N.</p> <p>Soil, sandy loam with sandstone surface rock; 3rd rate.</p> <p>Timber, pinon and juniper.</p> <p>Undergrowth, service berry, oak, buck, black and sage brush.</p> <p>Grazing fair.</p>
	S.89°56'W., bet. secs. 5 and 32.
	Over mountainous land through scattering timber and medium dense undergrowth.
	Ascend 30 ft. to top of ridge.
4.30	Trail, bears NW. to Wild Horse Basin and SE. to Hill Creek.
9.90	Same trail bears SW. and NE.
26.30	Same trail bears NW. and SE.
26.50	Top of ridge, bears N.70°W., and S. 70°E. Continue ascent.
33.00	Head of small draw, course S. Continue ascent.
36.40	Top of ridge, bears S.80°W., and N. 80°E. Descend 20 ft. over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 32 $\frac{1}{4}$ ————— S 5 1932
	from which
	A pinon, 3 ins. diam., bears N.7°30'E., 231 lks. dist. mkd. B T.

SURVEY OF THE NORTH BOUNDARY OF T. 15 S., R. 18 E.

- Chains A pinon, 6 ins. diam., bears S.42°00'E., 316 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
- eqd. Continue descent of 100 ft. to bottom of draw.
- 44.20 Trail, bears SW. to Wild Horse Basin and NE. to Hill Creek.
- 52.81 Bottom of draw, course N.10°E. Ascend 80 ft. over SE. slope.
- 58.50 Same trail, bears N.65°W., and S.65°E.
- 73.20 Top of ridge, bears NW. and SE. Descend 180 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

T14S	R18E
S31	S32
—	
S 6	S 5
T15S	
1932	

and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor.

Land, mountainous; general drainage N.

Soil, sandy loam with sandstone surface rock; 2nd rate.

Timber, pinon and juniper.

Undergrowth, buck, black, oak, service berry and sage brush.

Grazing, fair.

S.89°50'W., bet. secs. 6 and 31.

Over mountainous land, through very scattering timber and medium dense undergrowth. Descend 220 ft.

- 7.30 Bottom of draw, course S. Ascend 240 ft. over E. slope.
- 29.50 Top of ridge bears NE. and SW. Descend NW. slope 130 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 31
—
S 36
1932

and raise

SURVEY OF THE NORTH BOUNDARY OF T.15 S., R. 18 E.

Chains	mound of stone, 3 ft. base, 2 ft. high, W. of the cor. Continue descent of 110 ft.
51.50	Bottom of draw, course N. Ascend 70 ft. over NW. slope.
77.63	Intersect the cor. of Tps. 14 and 15 S., R. 17 and 18 E., heretofore described.
	Land, mountainous; general drainage S.
	Soil, sandy loam; 2nd rate.
	Timber, juniper and pinon.
	Undergrowth, service berry, black, buck, oak and sage brush.
	Fair grazing.

SUBDIVISION OF T.15. S., R. 18 E.

From the Standard corner of secs. 35 and 36 on the S. bdy., which is an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

N.0°14'W., on true line bet. secs. 35 and 36.

Over mountainous land, through dense undergrowth.

Descend 150 ft. over NW. slope.

15.10 Bottom of draw, course NE. Ascend 45 ft. over SE. slope.

40.00 Top of spur, slopes NE.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 35 | S 36
1931

and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor.

Descend 200 ft. over NW. slope.

57.20 Bottom of draw, course NE. Ascend 110 ft. over SE. slope to sec. cor.

68.30 Enter scattering timber bears N. and S.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

SURVEY OF THE SUBDIVISION ON T. 15 S., R. 18 E.

Chains	T15S R18E S26 S25 S35 S36 1931	and 36
dist., more	from which	
A pinon, 12 ins. diam., bears N.52°45'E., 335 lks. dist., mkd. T. 15 S R 18 E S 25 B T.		
A pinon, 12 ins. diam., bears S.40°00'E., 164 lks. dist., mkd. T 15 S R 18 E S 36 B T.		
A juniper 6 ins. diam., bears N.50°15'W., 179 lks. dist., mkd. T 15 S R 18 E S 26 B T.		
No other suitable bearing tree available.		
Land, mountainous; general drainage NE.		
Soil, loose sandy loam; 2nd rate.		
Timber, juniper and pinon.		
Undergrowth, Service berry, oak, buck and sage brush.		
Fair grazing.		
<hr/>		
N.89°51' E.	on random line bet. secs. 25 and 36.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.54	Intersect the E. bdy., 10 ¹ ₂ lks. S. of the cor. of secs. 25 and 36, heretofore described.	
	Thence	
	S.89°47'W., on true line bet. secs. 25 and 36.	
	Over mountainous land, through medium dense undergrowth and very scattering timber.	
	Ascend 400 ft. over NE. slope to top of spur.	
7.40	Rim of Chandler Canyon, bears NW. and SE. Continue ascent.	
11.00	Top of spur, slopes NW. Descend 50 ft. over W. slope.	
14.30	Bottom of draw, course N. Ascend 130 ft. over NE. slope.	
27.00	Top of spur, slopes NW. Descend 380 ft. over W. slope to bottom of draw.	
39.77	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.	

SURVEY OF THE SUBDIVISION OF T. 15. S. 25. SR. 18 E.

Chains	S25 1/4 — S36 1931	enlanded
	from which	
	A juniper 10 ins. diam., bears S.23°00'W., 627 lks. dist., mkd. 1/4 S 36 B T. Rise mound of stone, 3 ft. base, 2 ft. high, N. of the corner. Continue descent over W. slope.	
51.70	Bottom of draw, course N. Ascend 250 ft. over E. slope.	
58.00	Top of spur, slopes N. Descend 190 ft. over W. slope.	
61.40	Bottom of draw, course N. Stream of clear water 1/2 lk. wide in bottom. Ascend 360 ft. over SE. slope.	
79.54	The cor. of secs. 25, 26, 35 and 36. Land, mountainous; general drainage N. Soil, loose sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth, oak, service berry, buck and sage brush. Fair grazing.	
	N.0°14'W., bet. secs. 25 and 26. Over mountainous land through scattering timber and dense undergrowth. Ascend 10 ft. over SE. slope.	
3.70	Top of spur, slopes NE. Descend NW. slope 60 ft.	
9.20	Bottom of draw. course NE. Ascend 20 ft. over SE. slope.	
33.00	Top of spur, slopes NE. Descend 1070 ft. over NW. slope to bottom of canyon.	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the 1/4 sec. cor., with brass cap mkd.	
	1/4 S 26 S 25 1931	
	from which	
	A juniper, 12 ins. diam., bears S.62°00'E., 532 lks. dist., mkd. 1/4 S 25 B T.	

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	
	A juniper, 3 ins. diam., bears S.35°00'W., 196 lks.
	dist., mkd. T 15 S R 18 E S 24 B T.
	Continue descent over NW. slope.
52.10	Rim of Chandler Canyon, bears E. and W. Descent becomes
	abrupt..
65.90	Bottom of draw, course NE. Continue descent.
76.40	Bottom of Chandler Canyon, stream of clear water, 2 lks. wide, course SW. Ascend 40 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to solid rock, and surrounded by a mound of stone to the top, for the cor. of secs. 23, 24, 25 and 26, with brass cap mkd.
	T15S R18E S23 S24 --- S26 S25 1931
	from which
	A pinon, 20 ins. diam., bears N.84°45'E., 24 lks. dist., mkd. T 15 S R 18 E S 24 B T.
	A juniper 10 ins. diam., bears S.59°45'E., 149 lks. dist., mkd. T 15 S R 18 E S 25 B T.
	A cottonwood, 14 ins. diam., bears S.82°30'W., 191 lks., dist., mkd. T 15 S R 18 E S 26 B T.
	A juniper, 10 ins. diam., bears N.50°45'W., 110 lks., dist., mkd. T 15 S R 18 E S 23 B T.
	Land, mountainous; general drainage SW.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper, pinon and fir, with a few cottonwood along the bottom of Chandler Canyon.
	Undergrowth, sage, oak, buck and service berry brush.
	Fair grazing.
	N.89°47'E., on random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.60	Intersect the E. bdy of the top, 21 lks. N. of the cor. of secs. 24 and 25, heretofore described.
	Thence

SURVEY OF THE SUBDIVISION OF T. 15 S. U. S. R. 18 E.

Chains	S.89°56'W., on true line bet.. secs. 24 and 25. Over mountainous land, through medium dense timber and scattering undergrowth. Descend 100 ft. over SW. slope.
4.50	Bottom of draw, course SE. Ascend 250 ft. over NE. slope.
14.40	Top of spur, slopes SE. Descend 220 ft. over NW. slope.
27.50	Bottom of draw, course SW. Ascend 30 ft. over SE. slope.
37.50	Top of spur, slopes SW. Descend 670 ft. over SW. slope to bottom of draw.
38.40	Rim of Chandler Canyon, bears NE. and SW.
39.80	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S.24 $\frac{1}{4}$ ————— S 25 1931
	from which
	A pinon, 4 ins. diam., bears S.76°00'W., 27 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.
	A pinon, 6 ins. diam., bears N.7°00'W., 20 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.
56.10	Bottom of draw, course SW. Ascend 80 ft. over NE.slope.
58.90	Top of spur, slopes SW. Descend 190 ft. over NW. slope.
64.10	Bottom of draw, course SW. Ascend 160 ft. over NE. slope.
71.00	Top of spur, slopes SE. Descend 210 ft. over SW. slope.
79.60	The cor. of secs. 23, 24, 25, and 26. Land, mountainous; general drainage and exposure S. Soil, sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth, oak, service berry, sage and buck brush. Fair grazing.
	N.0°14'W., bet. secs. 23 and 24. Over mountainous land through scattering timber and undergrowth. Ascend 940 ft. over broken SW. slope to the $\frac{1}{4}$ sec. cor.
7.70	Top of spur, slopes SW.
13.00	Bottom of draw. course SW.

SURVEY ON THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains 23.00	Rim of Chandler Canyon, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, to solid rock, and surrounded by a mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$
	S 23 S 24
	1932
	from which
	A juniper, 20 ins. in diam., bears N.71°30'E., 8 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.
	A pinon, 6 ins. diam., bears N.40°30'W., 43 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.
	Continue ascent of 30 ft. over SW. slope.
46.00	Top of spur, slopes SW. Descend 90 ft. over NW. slope.
61.20	Bottom of drew. course S 7. Ascend 340 ft. over SE. slope to sec. cor.
69.30	Top of spur, slopes SW. Continue ascent along NW. slope of spur.
75.10	Head of drew, course SW. Continue ascent.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and surrounded by mound of stone to the top for the cor. of secs. 13, 14, 23 and 24, with brass cap mkd.
	T15S R18E S14 S13 --- S23 S24 1932
	from which
	A pinon, 6 ins. diam., bears N.61°30'E., 95 lks. dist., mkd. T 15 S R 18 E S 13 B T.
	A pinon, 8 ins. diam., bears S.26°00'E., 50 lks. dist., mkd. T 15 S R 18 E S 24 B T.
	A pinon, 12 ins. diam., bears S.26°00'W., 74 lks. dist., mkd. T 15 S R 18 E S 23 B T.
	A juniper, 18 ins. diam., bears N.42°00'W., 8 lks. dist., mkd. T 15 S R 18 E S 14 B T.

SURVEY OF THE SUBDIVISION OF CHANDLER CANYON

Chains	Land, mountainous; general drainage SW. and SE. animal Soil, sandy loam; 2nd. rate. Timber, juniper and pinon. Undergrowth, service berry and oak brush. Sheep grazing.	00.00 00.00 00.00 00.00 00.00

N.89°56'E., on random line bet. secs. 13 and 24.

- 40.00 Set temp. & sec. cor.
 79.88 Intersect the E. bdy. of the township, 21 lks. S. of
the cor. of secs. 13 and 24, heretofore described.
 Thence
 S.89°47'W., on true line bet. secs. 13 and 24.
 Over mountainous land through scattering timber and
medium dense undergrowth. Ascend 30 ft. over SW. slope.
 5.90 Top of ridge, bears NE. and W. Divide bet. Chandler
Canyon and Hill Creek. Thence along top of ridge.
 14.30 Thence along S. slope of ridge, Descend 150 ft.
 32.50 Head of draw, course SE. Ascend 100 ft. along S. slope of
ridge.
 59.40 Thence along broken top of divide.
 39.94 Set on iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for the $\frac{1}{2}$ sec. cor., with brass cap md.

S 13
$\frac{1}{2}$ —————
S 24
1932.

from which

A pinon, 8 ins. diam., bears S.11°30'E., 289 lks. dist.,
mid. $\frac{1}{2}$ S 24 97.

Also raise mound of stone, 3 ft. base, 2 ft. high, N.
of the cor.

- 44.70 Fence, 4 barbed wires bears N.20°E and S.20°W.,
 73.60 Leave top of ridge, bears NW. and E. Descend 90 ft.
over SW. slope. Enter dense timber, bears NE. and SW.
 79.88 The cor. of secs. 13, 14, 23 and 24.
 Land, mountainous; general drainage S.
 Soil, sandy loam; 2nd rate.
 Timber, juniper and pinon.

A SURVEY OF THE SUBDIVISION OF T15S R18E.

Chains	Undergrowth, service berry, oak and sage brush.
0.00	Fair grading. N. slopes, 10 ft. dist., mkd. A
1.00	T 15 S R 18 E S 11 S 12 S 13 S 14
1.50	NW sec. 14 NW, elev. 1000 ft., sec. 13 and 14.
2.00	Over mountainous land; through medium dense timber and undergrowth. Ascend 10 ft. over S. slope.
4.00	Top of ridge, bears E. and W. Leave timber, bears E. and W. Descend 350 ft. over N. slope along top of spur,
30.40	Top of spur, slopes NW. from S. Continue descent.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
40.50	Top of spur, slopes SW. Descend 160 ft.
41.00	Bottom of draw, course W. Ascend 90 ft. over SW.slope.
42.80	Wagon road, bears NW. and SE.
50.00	Top of spur, slopes SW. Descend 160 ft..
58.40	Bottom of draw, course W. Ascend 250 ft. over S.slope.
61.50	Trail. bears E. and W. Wardle's cabin bears S.87°W..
69.36	Wardle's cabin bears S.72°52'W..
69.40	Top of spur, slopes SW..Descend 40 ft. over N. slope.
70.00	Enter scattering timber bears NE. and SW.
80.00	Set an iron post. 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

T15S R18E

S11 | S12

S14 | S13

1932

from which

A pinon, 3 ins. diam., bears N.33°00'E., 123 lks. dist., mkd. B T.

A juniper, 8 ins. diam., bears S.40°00'E., 51 lks. dist., mkd. T 15 S R 18 E S 13 B T.

A pinon, 8 ins. diam., bears S.70°45'W., 162 lks. dist., mkd. T 15 S R 18 E S 13 B T.

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SURVEY OF THE SUBDIVISION OF T. 15 S., M. D. N. M.

Chains	mhd. T 15 S R 18 E S 24 S T. dist., mhd. T 15 S R 18 E S 11 S T.
	A pinon, 10 ins. diam., bears N.17°00'E., 166 lbs.
	Soil, sandy loam; 2nd rate.
	Timber, juniper and pinon.
	Undergrowth, service berry, oak and sage brush.
	Past grazing.
	N.89°47'E., on random line bet. secs. 12 and 13.
40.00	Set temp. & sec. cor.
78.76	Intersect the E. bdy. of the township, 3 lbs. N. of the cor. of secs. 12 and 13, heretofore described.
	Thence
	S.89°48'W., on true line bet. secs. 12 and 13.
	Over mountainous land through medium undergrowth. Ascend 160 ft. over E. slope.
29.30	Divide bet. Hill Creek and Chandler Canyon, bears NW. and SE. Trail on top of divide bears NW. and SE.
26.20	Head of small draw, course SW.
28.80	Top of spur, slopes SW. Descend 100 ft.
	Enter scattering timber bears NE. and SW.
78.76	Set on iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the & sec. cor., with brass cap mhd.
	S 12
	S 13
	1932
	from which
	A juniper, 10 ins. diam., bears N.68°00'E., 162 lbs.
	dist., mhd. & S 12 S T.
	A juniper 4 ins. diam., bears S.20°00'E., 54 lbs. dist., mhd. & S 13 S T.
48.90	Continue descent of 160 ft.
	Trail bears N. and S.
49.10	Bottom of draw, course S. 7 chs. thence SE. Ascend 160 ft.
54.60	Fence, 4 barbed wires, bears N.10°W., and S. 10°E.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Distances	Description	Remarks
70.40	Top of spur, slopes SW. Descend 160 ft.	
78.76	The cor. of secs. 11, 12, 13 and 14. Land, mountainous; general drainage and exposure SW. Soil, sandy loam; 2nd rate.	
	Timber, scattering juniper.	
	Undergrowth, sage, oak, service berry and buck brush.	
	Fair grazing.	
	N.0°14'W., bet. secs. 11 and 12.	
	Over mountainous land through medium dense undergrowth.	
	Ascend 30 ft. over S. slope.	
13.30	Head of draw, course SW. Continue ascent of 180 ft.	
14.30	Trail, bears NE. and SW.	
23.60	Fence, 4 barbed wires, bears N.80°E., and S.80°W.	
26.60	Divide bears E. and W. Desc. N. slope 20 ft. to $\frac{1}{4}$ sec. cor.	
30.70	Trail, bears E. and W.	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and surrounded by mound of stone to the top, and deposited sandstone 10 x 8 x 4 ins mkd. X at the base, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.	
	$\frac{1}{4}$	
	S 11. S 12	
	1932	
	No other suitable accessories available.	
	Continue descent of 320 ft. over N. slope.	
71.80	Draw, course NE. Ascend SE. slope 140 ft.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and surrounded by mound of stone to the top, with sandstone 12 x 8 x 6 ins. mkd. X, deposited at the base, for the cor. of secs. 1, 2, 11 and 12, with brass cap mkd.	
	Deposited sandstone	

SURVEY OF THE SUBDIVISION OF T.15 S.Y.M. R.

Chains	T15S R18E S 2 S 1 S11 S12 1932	set on land to cor. 4.07 SP. 87
	No other suitable accessories available.	
	Land, mountainous; general drainage and exposure W.	
	Soil, sandy loam; 2nd rate.	
	Timber, none.	
	Undergrowth, service berry, buck and sage brush.	
	Fair grazing.	
	N.89°48'E., on random line bet. secs. 1 and 12.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.57	Intersect the E. bdy. of the township, 16 lks.N. of the cor. of secs. 1 and 12.	
	Thence	
	S.89°55'W., on true line bet. secs. 1 and 12.	
	Over mountainous land through medium dense undergrowth.	
	Descend 140 ft. over W. slope.	
11.70	Bottom of draw, course N. Ascend 90 ft. over N. slope.	
15.50	Top of spur, slopes N. Descend 230 ft. over W. slope.	
26.20	Bottom of draw, course N. Trail in bottom bears N. and S. Ascend 200 ft. over E. slope.	
33.00	Top of spur, slopes N. Descend 110 ft. over W. slope.	
38.50	Bottom of draw, course N. Descend 30 ft.	
39.785	Set in iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and surrounded by mound of stone to the top, with sandstone 10 x 8 x 6 ins. deposited at the base, for the $\frac{1}{4}$ sec. cor., for secs. 1 and 12, with brass cap mkd.	
	. S 1 $\frac{1}{4}$ ————— S 12 1932	
	No other suitable accessories available.	
	Ascend 110 ft. over E. slope.	
47.30	Top of spur, slopes N. Descend 320 ft. over NW. slope.	
68.00	Bottom of small draw, course N. Continue descent.	
74.50	Bottom of draw, course NE. Ascend 160 ft. over E. slope.	

3 BL SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains. 79.57	From previous dividing line along N. side, off course described, and land The cor. of secs. 1, 2, 11 and 12.
	Land, mountainous; general drainage N.
	Soil, sandy loam; 2nd rate.
	Timber, a few scattering juniper.
	Undergrowth, service berry, buck and sage brush.
	Fair grazing.
	N.0°14'W., on random line bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
81.43	Intersect the N. bdy., of the township, 9 lks. W. of the cor. of secs. 1, 2, 35 and 36, heretofore described. Thence
	S.0°10'E., on true line bet. secs. 1 and 2.
	Over mountainous land through medium dense undergrowth, and timber. Descend 20 ft. over SE. slope.
8.00	Bottom of draw, course NE. Ascend 80 ft. over NW. slope.
18.10	Top of spur, slopes NE. Descend 140 ft. over SE. slope.
34.00	Bottom of draw, course NE. Ascend 120 ft. over NW. slope. Also leave timber, bears NE. and SW.
41.43	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 2 S 1 1932
	and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor. Continue ascent of 80 ft.
49.40	Top of spur, slopes NE. Descend 150 ft. over SE. slope.
78.00	Bottom of small draw, course NE. Ascend 30 ft. over NW. slope. Small stream of water $\frac{1}{2}$ lk. wide in bottom of draw.
81.00	Top of spur, slopes NE. Descend SE. slope.
81.43	The cor. of secs. 1, 2, 11 and 12. Land, mountainous; general drainage and exposure N. Soil, sandy loam; 2nd rate. Timber, juniper.

SURVEY OF THE SUBDIVISION OF T. 15 S. R. 18 E.

Chains	Undergrowth, sage, buck and service berry brush. scrub Fair grazing.
	From the standard corner of secs. 34 and 35, which is an iron post, firmly set, properly marked and witnessed as described in the official record.
	N.0°14'W., on true line bet. secs. 34 and 35.
	Over mountainous land through dense undergrowth.
16.00	Top of spur, slopes W. Descend 90 ft. over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone 12 x 6 x 3 ins. mkd. X, deposited at the base, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 34 S 35 1931
	No other suitable accessories available.
	Continue descent of 380 ft.
47.40	Enter medium dense timber, bears NE. and SW. Also rim of canyon, bears NE. and SW.
56.10	Bottom of draw, course W. Ascend 200 ft. over N. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 26, 27, 34 and 35, with brass cap mkd.
	T15S R18E S27 S26 ----- S34 S35 1931
	from which
	A fir 18 ins. diam., bears N.59°45'E., 79 lks. dist., mkd. T 15 S R 18 E S 26 B T.
	A pinon, 12ins. diam., bears S.29°15'E., 59 lks. dist., mkd. T 15 S R 18 E S 35 B T.
	A juniper 18 ins. diam., bears S.81°30'W., 10 lks. dist., mkd. T 15 S R 18 E S 34 B T.
	A pinon 20 ins. diam., bears N. 56°00'W., 62 lks. dist., mkd. T.15 S R 18 E S 27 B T.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	Land, mountainous; general drainage W.
base	Soil, loose sandy loam; 2nd rate.
	Timber, juniper, pinon and fir.
	Undergrowth, sage, oak, service berry and buck brush.
	Fair grazing.
<hr/>	
	N.89°50' E., East, on random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 25, 26, 35 and 36.
	Thence
	S.89°48' W., on true line bet. secs. 26 and 35.
	Over mountainous land through medium dense undergrowth.
	Ascend 100 ft. over E. slope.
14.50	Top of ridge, bears N. and S. Descend 220 ft. over SW. slope to bottom of draw.
40.02	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock, with sandstone, 12 x 4 x 3 ins. mkd. X deposited at the base, and surrounded to the top in a mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 26 $\frac{1}{4}$ S 35 1931
	No other suitable accessories available.
41.10	Bottom of draw, course NW. Ascend 150 ft. over E. slope.
58.30	Top of ridge, bears NW. and SE. Descend 130 ft. over W. slope to sec. cor. Enter timber bears NW. and SE.
77.80	Rim of canyon, bears N. and S. Continue descent.
80.04	The cor. of secs. 26, 27, 34 and 35.
	Land, mountainous; general drainage NW.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper, pinon and fir.
	Undergrowth, oak, service berry, buck and sage brush.
	Fair grazing.

SURVEY OF THE SUBDIVISION OF T. 15 S. R. 18 E.

Chains	N.0°14'W., bet. secs. 26 and 27. Over mountainous land, through medium dense timber and undergrowth. Ascend 90 ft. over S. slope.
1.50	Rim of canyon, bears E. and W.
11.00	Top of spur, slopes SW. Descend 1345 ft. over NW. slope the bottom of draw at 49.30 chs.
11.90	Rim of Chandler Canyon, bears SW. and NE.
20.80	Bottom of small draw, course NW. Continue descent.
29.00	Top of spur, slopes NW. Continue descent.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 27 S 25
	1931
	from which
	A pinon, 6 ins. diam., bears N.78°00'E., 17 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.
	A fir, 4 ins. diam., bears S.44°00'W., 26 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.
49.30	Bottom of draw, course NW. Ascend 100 ft. over SW. slope.
51.90	Top of spur, slopes NW. Descend 260 ft. over NE. slope.
57.00	Bottom of Chandler canyon, stream of clear water 1 lk. wide in the bottom, course SW. Ascend 690 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, to solid rock and surrounded by mound of stone, to the top, for the cor. of secs. 22, 23, 26 and 27, with brass cap mkd.
	T15S R18E S22 S23 S27 S26 1931
	from which
	A pinon, 6 ins. diam., bears N.73°00'E., 41 lks. dist., mkd. T 15 S R 18 E S 23 B T.
	A pinon, 5 ins. diam., bears S.13°00'E., 61 lks. dist., mkd. T 15 S R 18 E S 26 B T.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains A juniper, 10 ins. diam., bears S.50°00'W., 106 lks.
dist., mkd. T 15 S R 18 E S 27 B T.
A juniper, 8 ins. diam., bears N.19°00'W., 103 lks.
dist., mkd. T 15 S R 18 E S 22 B T.
Land, mountainous; general drainage and exposure W.
Soil, loose sandy loam; 2nd rate.
Timber, juniper, pinon and fir.
Undergrowth, sage, oak, service berry and buck brush.
Fair grazing.

N.89°48'E., on random line bet. secs. 23 and 26.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
23, 24, 25 and 26.
Thence
S.89°45'W., on true line bet. secs. 23 and 26.
Over mountainous land, through medium dense timber and
undergrowth. Descend 90 ft. over S. slope.
5.80 Bottom of Chandler canyon, stream of clear water 1 lk.
wide, course NW. Ascend 80 ft. over broken NE. slope.
40.03 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	S 23
	S 26
	1931

from which

- A fir, 3 ins. diam., bears S.50°00'E., 31 lks. dist.,
mkd. B T.
A fir, 36 ins. diam., bears N.49°00'W., 164 lks. dist.,
mkd. $\frac{1}{4}$ S 23 B T.
50.10 Descend 100 ft. over W. slope.
50.80 Bottom of Chandler canyon, stream of clear water 1 lk.
wide, course SW. Ascend 600 ft. over broken SE. slope,
to the sec. cor.
63.40 Top of spur, slopes SE.
69.00 Bottom of draw, course SE.

SURVEY OF THE SOUTHERN BORDER OF T. 16 N. M.

Chains 80.06	The cor. of secs. 22, 23, 26 and 27. Land, mountainous; general drainage SW. Soil, loose sandy loam; 2nd rate. Timber, juniper, pinon and fir. Undergrowth, sage, oak, service berry and buck brush. Fair grazing.
	N.O. °14'W., bet. secs. 22 and 23. Over mountainous land, through medium dense undergrowth and scattering timber. Ascend 450 ft. over broken SE. slope to the $\frac{1}{4}$ sec. cor.
24.20	Rim of canyon, bears SW. and SE. Continue ascent.
32.70	Small draw, course SE. Continue ascent.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$
	S 22 S 23
	1932
	from which
	A juniper, 8 ins. diam., bears S.69°00'E., 216 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.
	A juniper, 4 ins. diam., bears S.42°30'W., 120 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
	Continue ascent of 220 ft. over SE. slope.
71.50	Top of ridge, bears E. and W. Leave timber bears E. and W. Descend 80 ft. over N. slope.
77.10	Bottom of draw, course NE. Ascend 5 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 14, 15, 22 and 23, with brass cap mkd.
	T15S R18E S15 S14
	S22 S23
	1932
	and raise
	mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
	Land, mountainous; general drainage SE.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains base slope. N. ft. and	Soil, loose sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth, sage, service berry, buck and oak brush, Fair grazing.
40.00	N.E. 45° E., on random line betw. secs. 14 and 23.
79.98	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 13, 14, 23 and 24. Thence.
40.1	S.89°47' W., on true line bet. secs. 14 and 23. Over mountainous land, through dense undergrowth and scattering timber. Ascend 180 ft. along SE. slope of ridge.
31.90	Fence, 4 barbed wires, bears N. and S.
33.80	Top of ridge, bears NE. and SW. Descend 60 ft.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 14 $\frac{1}{4}$ ————— S 23 1932
	from which
	A pinon, 3 ins. diam., bears S.70°00' W., 34 lks. dist., mkd. B T.
	No other suitable accessories available.
40.50	Head of draw, course N. Ascend 40 ft. over E. slope.
45.10	Top of spur, slopes N. Descend 150 ft. over NW. slope.
66.00	Bottom of draw, course N. Leave timber bears N. and S. Ascend 90 ft. over SE. slope.
73.80	Top of spur, slopes N. Descend 20 ft. over NW. slope.
78.30	Bottom of draw, course NE. Ascend 20 ft. over SE. slope.
79.98	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous; general drainage and exposure NW. Soil, loose sandy loam; 2nd rate. Timber, juniper and pinon.. Undergrowth, sage, buck, service berry and oak brush. Fair grazing.

SURVEY OF THE SUBDIVISION OF LAND

Chains	N.0°14'W., betw sec. 15 and 16, sec. 16, lot 2 Over mountainous land through scattering timber and medium dense undergrowth. Descend 190 ft. over N.E. slope.	dist. 610
34.60	Top of spur, slopes NE. Continue descent. Vie	
40.00	On top of same spur, slopes N. from SE. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd. OA	
	$\frac{1}{4}$ sec. cor. mkd. OA	dist. 86.85
	S 15 S 14	dist. 86.85
	1932	
	from which	
	A juniper, 6 ins. diam., bears N.26°00'W., 208 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.	
	No other suitable accessories available.	
	Continue descent of 580 ft. over N. slope to bottom of canyon.	
45.00	Bottom of draw, course NE.	
53.00	Top of spur, slopes NE. from S. 40°W.	
60.50	Rim of canyon, bears SE. and NW. Commence abrupt descent.	
71.51	Bottom of canyon, stream of clear water $\frac{1}{2}$ lk. wide in bottom, course NW. Ascend 80 ft. over SW. slope to sec. cor.	
76.50	Top of spur, slopes W.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 10, 11, 14 and 15, with brass cap mkd.	
	T15S R18E S10 S11 ----- S15 S14 1932	dist. 86.85 dist. 86.85
	from which	
	A fir, 5 ins. diam., bears N.38°30'W., 36 lks. dist., mkd. T 15 S R 18 E S 11 B T.	dist. 86.85
	A fir, 12 ins. diam., bears S.37°50'E., 72 lks. dist., mkd. T 15 S R 18 E S 14 B T.	dist. 86.85
	A fir, 10 ins. diam., bears S.25°15'W., 67 lks. dist., mkd. T 15 S R 18 E S 15 B T.	dist. 86.85

~~SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.~~

Chains Map Dist.	A fir, 8 ins. diam., bears N. 6°30' W., 56 lks. dist., mkd. T 15 S R 18 E S 10 B T. Land, mountainous; general drainage SW. Soil, loose sandy loam; 2nd rate. Timber, juniper, pinon and fir. Undergrowth, sage, buck, service berry and oak. Fair grazing.
40.00	N. 89°47' E., on random line bet. secs. 11 and 14.
79.94	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 42 lks. N. of the cor. of secs. 11, 12, 13 and 14. Thence
5.00	N. 89°55' W., on true line bet. secs. 11 and 14. Over mountainous land through medium dense timber and undergrowth. Descend 130 ft. over W. slope.
5.50	Bottom of draw, course S. Ascend E. slope 170 ft. Trail bears N. and S.
11.20	Top of spur, slopes S. Descend 200 ft. over W. slope.
18.20	Drew, course S. Ascend 190 ft. over E. slope.
35.40	Top of spur, slopes S. Descend 130 ft. over W. slope.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 11 $\frac{1}{4}$ S 14 1932
	from which
	A juniper, 6 ins. diam., bears N. 23°00' E., 35 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
	A pinon, 6 ins. diam., bears S. 31°00' W., 42 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.
	Continue descent of 460 ft. over W. slope to sec. cor.
52.60	Head of draw, course NW. 20 chs. thence SW.
71.10	Top of small spur, slopes NW. 3 chs.
79.94	The cor. of secs. 10, 11, 14 and 15. Land, mountainous; general drainage SW.

SURVEY OF THE SUBDIVISION OF T.15 S. R. 18 E.

Chains	Soil, loose sandy loam; 2nd rate. Timber, juniper, pinon and fir. Undergrowth, sage, buck, oak and service berry brush. Fair grazing.
	N.0°14'W., bet. secs. 10 and 11. Over mountainous land through medium dense timber and undergrowth. Descend 60 ft. over NW. slope.
1.90	Bottom of draw, course SW. Ascend 550 ft. over SE. slope.
9.00	Rim of canyon, bears NE. and SW. Continue ascent.
35.70	Top of ridge, bears NE. and SW. Descend 75 ft.
40.00	Set an iron post, 3 ft. long; 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 10 S 11 1932
	from which A pinon, 4 ins. diam., bears N.53°00'E., 77 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
	A pinon, 4 ins. diam., bears N.22°30'W., 59 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
	Continue descent of 240 ft.
49.60	Bottom of draw, course SW. Ascend 180 ft. over SE. slope.
57.00	Top of spur, slopes SW. Descend 110 ft. over NW. slope.
63.20	Bottom of draw, course SW. Ascend 440 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 2, 3, 10 and 11, with brass cap mkd.
	T15S R18E S 3 S 2 ----- S10 S11 1932
	from which A pinon, 8 ins. diam., bears N.80°00'E., 26 lks. dist., mkd. T 15 S R 18 E S 2 B T.
	A pinon, 10 ins. diam., bears S.5°00'E., 13 lks. dist., mkd. T 15 S R 18 E S 11 B T.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

	A pinon, 9 ins. diam., bears S.35°00'W., 108 lks. dist., mkd. T 15 S R 18 E S 10 B T.
	A pinon, 10 ins. diam., bears N.18°30'W., 25 lks. dist., mkd. T 15 S R 18 E S 3 B T.
	Land, mountainous; general drainage and exposure SW.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper, pinon and fir.
	Undergrowth, sage, oak, service berry and oak brush.
	Fair grazing.
	<hr/>
40.00	S.89°55'E., on random line bet: secs. 2 and 11 Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line, 18 lks. N. of the cor. of secs. 1, 2, 11 and 12. Thence
	N.89°47'W., on true line bet. secs. 2 and 11. Over mountainous land, through medium dense undergrowth. Ascend 290 ft. over E. slope.
1.70	Top of spur, slopes NE. Continue ascent.
8.10	Head of draw, course NE. Continue ascent.
30.00	Top of ridge, bears SE. and W. Thence along top of ridge, descending 40 ft. Also enter scattering timber bears N. and S.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 2 $\frac{1}{4}$ ————— S 11 1932
	from which
	A pinon, 4 ins. diam., bears S.84°00'W., 126 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.
	A pinon, 4 ins. diam., bears N.23°00'W., 82 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.
	Continue descent of 300 ft.
42.50	Trail, bears NW. and SE.
48.80	Leave top of ridge, bears E. and NW.

SURVEY OF THE SUBDIVISION OF TERRITORY, ETC.

Chains 73.60	Bottom of draw, course S. Ascend 320 ft. over E. slope.
79.90	The cor. of secs. 2, 3, 10 and 11. Land, mountainous; general drainage and exposure S. Soil, sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth, oak, service berry and buck brush. Fair grazing.
	N.0°10'W., on random line bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.92	Intersect the N. bdy. of the township, 21.1ka. E. of the cor. of secs. 2, 3, 34 and 35, heretofore described. Thence
	S.0°19'E., on true line bet. secs. 2 and 3. Over mountainous land, through medium dense undergrowth.
.90	Bottom of draw, course NE. Ascend 280 ft. over NW. slope.
21.80	Top of spur, slopes NE. Descend 50 ft. over SE. slope.
37.00	Bottom of draw, course NE. Ascend 30 ft.
40.92	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 3 S 2 1932
	and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor. Continue ascent of 70 ft. over N. slope.
50.90	Top of ridge, bears E. and W. Enter timber bears E. and W. Descend 200 ft. over SE. slope to sec. cor.
56.40	Trail, bears NW. and SE.
76.30	Top of small spur, slopes SW.
80.92	The cor. of secs. 2, 3, 10 and 11. Land, mountainous; general drainage NE. Soil, loose sandy loam; 2nd rate. Timber, juniper and piñon.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains

Undergrowth, sage, buck, service berry and oak brush.
Fair grazing.

From the true point for the standard corner of secs.

33 and 34, on the S. bdy. of the township. The witness corner to the corner of secs. 33 and 34 is an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record. This witness corner is 55 lks. E. of the true corner point.

N.0°15'W., on true line bet. secs. 33 and 34.

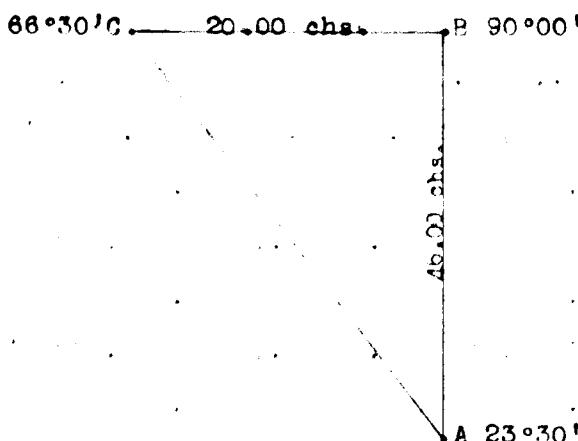
Over rough mountainous land through dense timber and undergrowth.

The line to the north descends over precipitous N. slope, over series of vertical sandstone ledges over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at the true corner point, and set flag B on line to the north, and set flag C northwesterly from A. The mean distance of the base line BC is 20.00 chs.

by 1st set of chainmen 19.99 chs.
by 2nd set of chainmen 20.01 chs.

All angle were determined by three repetitions with the error balance to 180°. Angle at A is 23°30'; angle at B is 90°00'; angle at C is 66°30'. The vertical angle from A to B is minus 30°.



Distance on line by triangulation-----46.00 chs.
Distance by return measurement----- 6.00 chs.
40.00 chs.

SURVEY OF THE SUBDIVISION OF T.15 S. R. 18 E.

Chains		
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 33 S 34 1931	
	from which	
	A fir, 5 ins. diam., bears S.69°45'E., 49 lks. dist., mkd. $\frac{1}{4}$ S 34 B T. A fir, 4 ins. diam., bears S.39°00'W., 13 lks. dist., mkd. $\frac{1}{4}$ S 33 B T. Descend 55 ft. over N. slope to triangulation point. Foot of precipitous slope bears NE. and SW. Leave timber bears NE. and SW.	
42.00		
46.00	Point B. of triangulation	
48.00	Bottom of Chandler canyon, course SW. Enter timber, bears NW. and SE. Ascend 1720 ft. over abrupt SE. slope.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the cor. of secs. 27, 28, 33 and 34, with brass cap mkd.	
	T15S R18E S28 S27 S33 S34 1931	
	from which	
	A juniper, 8 ins. diam., bears N.53°00'E., 115 lks. dist., mkd. T 15 S R 18 E S 27 B T. A pinon, 6 ins. diam., bears S.75°00'E., 52 lks. dist., mkd. T 15 S R 18 E S 34 B T. A pinon, 12 ins. diam., bears S.89°00'W., 26 lks. dist., mkd. T 15 S R 18 E S 33 B T. A pinon, 10 ins. diam., bears N.86°00'W., 69 lks. dist., mkd. T 15 S R 18 E S 28 B T. Land, mountainous; general drainage W. Soil, sandy loam with sandstone surface rock; 2nd rate. Timber, fir, pinon and juniper.	

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains Undergrowth, sage, service berry and buck brush.
base Poor grazing life.

East, on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, at the cor. of secs. 26, 27,
34 and 35.

Thence

West, on true line bet. secs. 27 and 34.

Over mountainous land, through medium dense timber and
scattering undergrowth. Descend 1730 ft. over SW. slope
to bottom of Chandler canyon.

13.60 Top of spur, slopes SW. Continue descent.

40.00 True point for the $\frac{1}{4}$ sec. cor., falls on sloping sandstone
ledge, where it is impracticable to set cor.

40.82 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
the ground, to solid rock and surrounded by mound of
stone to the top, for the witness $\frac{1}{4}$ sec. cor., with
brass cap mkd.

S 27
 $\frac{1}{4}$ ————— WC

S 34
1931

from which

A fir, 8 ins. diam., bears N.62°00'E., 5 lks. dist.,
mkd. WC $\frac{1}{4}$ S 27 B T.

A fir, 8 ins. diam., bears S.28°W., 40 lks. dist.,
mkd. WC $\frac{1}{4}$ S 34 B T.

42.60 Bottom of Chandler canyon, course SW. Ascend 1280 ft. over
SE. slope.

80.00 The cor. of secs. 27, 28, 33 and 34.

Land, mountainous; general drainage SW.

Soil, loose sandy loam with sandstone surface rock; 2nd
rate.

Timber, fir, pinon and juniper.

Undergrowth, sage, service berry and buck brush.

Poor grazing.

SURVEY OF THE SUBDIVISION OF T.15S R.18E.

Chains.	N.0°15'W., bet. secs. 27 and 28. Over mountainous land through medium dense timber and undergrowth. Ascend 560 ft. over SE. slope to top of ridge.
13.20	Rim of mesa, bears NE. and SW.. Continue ascent over mesa top.
17.80	Top of ridge, bears NE. and SW. Descend 30 ft. over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 28 S 27 1932
	from which
	A mahogany, 6 ins. diam., bears S.82°00'E., 30 lks.. dist., mkd. $\frac{1}{4}$ S 27 B T.
	A. pinon, 6 ins. diam., bears S.48°00'W., 10 lks. dist., mkd. $\frac{1}{4}$ S 28 B T.
41.00	Small seep in bottom of drew, course W. Ascend 70 ft. over SE. slope.
59.90	Top of ridge, bears NE. and SW. Descend 80 ft. over N. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 21, 22, 27 and 28, with brass cap mkd.
	T15S R18E S21 S22 S28 S27 1932
	from which
	A juniper, 6 ins. diam., bears N.41°15'E., 34 lks. dist., mkd. T 15 S R 18 E S 22 B T.
	A pinon, 4 ins. diam., bears S.44°00'W., 34 lks. dist., mkd. T 15 S R 18 E S 28 B T.
	A pinon, 4 ins. diam., bears N.51°00'W., 12 lks. dist., mkd. T 15 S R 18 E S 21 B T.

SURVEY OF THE SUBDIVISION OF T.15 S., R. 18 E.

Chains	No other suitable bearing tree available. Land, mountainous; general drainage S. Soil, loose sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth, mahogany, service berry, oak, sage and buck brush. Fair grazing.
	West , on random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect the cor. of secs. 22, 23, 26 and 27. Thence
	West, on true line bet. secs. 22 and 27. Over mountainous land through medium dense timber and undergrowth. Ascend 390 ft. over E. slope.
11.90	Top of spur, slopes SE. Descend 310 ft. over SW. slope.
24.60	Bottom of draw, course SE. Ascend 300 ft. over NE. slope.
34.50	Rim of mesa bears NE. and SW. Continue ascent.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 22 — $\frac{1}{4}$ — S 27 1932
	from which
	A juniper, 5 ins. diam., bears S.53°00'W., 58 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.
	A juniper, 4 ins. diam., bears N.26°00'W., 8 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
	Continue ascent of 40 ft.
61.00	Top of ridge, bears N. and S. Descend 110 ft. over W. slope.
80.14	The cor. of secs. 21, 22, 27 and 28. Land, mountainous; general drainage S. Soil, loose sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth, mahogany, service berry, sage and buck brush.

SURVEY OF THE SUBDIVISION OF T.15 R.18 E. S.

Chains	Fair grazing.
	N.0°15'W., bet. secs. 21 and 22.
	Over mountainous land, through medium dense timber and undergrowth. Around 10 ft. elev. N. slope.
8.00	Small draw, course SW. Continue ascent.
16.30	Top of ridge, bears E. and W. Descend 200 ft. over N. slope.
22.50	Leave timber bears E. and W.
35.90	Rim of mesa, bears NE. and SW. Descent becomes more abrupt.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over X cut in solid rock, and surrounded by mound of stone to the top for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$
	S 21 S 22
	1932
	No other suitable accessories available.
	Continue descent of 330 ft. over N. slope.
50.20	Bottom of draw, course W.. Ascend 290 ft. over S. slope.
62.10	Top of spur, slopes W. Descend 280 ft. over N. slope.
73.60	Bottom of draw, course SW. Ascend 200 ft. over SE.slope.
	Enter timber bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground. to solid rock and surrounded by mound of stone to the top, for the cor. of secs. 15, 16, 21 and 22, with brass cap mkd.
	T15S R18E S16 S15 ---+--- S21 S22
	1932
	from which
	A pinon, 10 ins. diam., bears N.34°00'E., 26 lks. dist., mkd. T 15 S R 18 E S 15 B T.
	A pinon, 10 ins. diam., bears S.8°00'E., 74 lks. dist., mkd. T 15 S R 18 E S 22 B T.
	A pinon, 8 ins. diam., bears S.44°00'W., 61 lks. dist., mkd. T 15 S R 18 E S 21 B T.
	A pinon, 3 ins. diam., bears N.45°00'W., 21 lks. dist., mkd. T 15 S R 18 E S 20 B T.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	mkd. B T.
Nature	Land, mountainous; general drainage NW. Soil, sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth; sage, buck, oak and service berry brush. Fair grazing.
	East, on random line bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.32	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 14, 15, 22 and 23. Thence
	N. $89^{\circ}57'W.$, on true line bet. secs. 15 and 22. Over mountainous land through medium dense undergrowth and timber. Ascend 70 ft.
4.00	Top of spur, slopes N. Descend 270 ft. to $\frac{1}{4}$ sec. cor.
19.90	Head of drew, course N.
28.30	Top of ridge, bears NW. and SE..
40.16	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \text{S } 15 \\ \hline \frac{1}{4} \\ \text{S } 22 \\ 1932 \end{array}$
	from which
	A juniper, 6 ins. diem., bears N. $71^{\circ}00'E.$, 96 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	A juniper, 10 ins. diem., bears S. $76^{\circ}00'E.$, 203 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
	Continue descent of 60 ft.
46.00	Head of drew, course NW. Ascend 30 ft. over NE. slope.
61.20	Rim of mesa, bears SW. and NE. Abrupt descent of 370 ft. over NW. slope.
71.50	Bottom of drew, course SW. Ascend 60 ft. over abrupt SE. slope.
80.32	The cor. of secs. 15, 16, 21 and 22. Land, mountainous; general drainage NW.

SURVEY OF THE SUBDIVISION OF T. 15 S. R. 18 E.

Chains	Soil, loose sandy loam; 2nd rate. Timber, juniper, and pinon. Undergrowth, sage, oak, service berry, oak and buck brush. Fair grazing.	.18 .5km small small small
	N.0°15'W., bet. secs. 15 and 16. Over mountainous land through medium dense timber and undergrowth. Ascend 220 ft. over S. slope. Top of ridge, bears E. and W. Descend 880 ft. over N. slope.	11.30
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.	
	$\frac{1}{4}$ S 16 S 15 1932	
	A pinon, 8 ins. diam., bears N.33°00'E., 14 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.	
	A fir, 8 ins. diam., bears N.75°00'W., 45 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.	
	Continue descent of 150 ft.	
45.80	Bottom of draw, course W. Ascend 70 ft. over S. slope.	
55.60	Top of spur, slopes NW. Descend 120 ft. over NE. slope.	
57.70	Bottom of canyon, course W. Ascend 270 ft. over S. slope.	
65.10	Top of spur, slopes SE. Descend 90 ft. over NE. slope.	
70.70	Bottom of draw, course SE. Ascend 130 ft. over SW. slope.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the cor. of secs. 9, 10, 15 and 16, with brass cap mkd.	
	T15S R18E S 9 S10 S16 S15 1932	
	A pinon, 12 ins. diam., bears N.72°00'E., 126 lks. dist.	

3 SURVEY OF THE SUBDIVISION OF THIS S. 1. SEC. 18 E.

Chains	mkd., T 15 S R 18 E S 10 B T.	at land
sqdla	A fir, 10 ins. diam., bears S.80°00'E., 14 lks. dist.,	
sqdla	mkd. T 15 S R 18 E S 15 B T. sqdla 10 ins. diam., 10 lks. dist.,	
	A fir, 20 ins. diam., bears S. 45°00'W., 6 lks. dist.,	
	mkd. T 15 S R 18 E S 16 B T.	
	A fir, 8 ins. diam., bears N.20°00'W., 60 lks. dist.,	
	mkd. T 15 S R 18 E S 9 B T.	
	Land, mountainous; general drainage SW.	
	Soil, sandy loam; 2nd rate.	
	Timber, juniper, pinon and fir.	
	Undergrowth, sage, oak, service berry and buck brush.	
	Poor grazing.	
	S.89°57'E., on random line bet. secs. 10 and 15.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.46	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 10, 11, 14 and 15. Thence	
	S.89°58'W., on true line bet. secs. 10 and 15. Over mountainous land, through medium dense timber and undergrowth. Descend 70 ft. over NW. slope.	
1.30	Bottom of draw, course SW.. Ascend 390 ft. over SE. slope.	
13.60	Rim of mesa, bears NE. and W. Continue ascent.	
16.30	Top of spur, slopes S. Descend 450 ft. over W. slope.	
17.20	Rim of mesa bears NW. and SE. Continue descent.	
40.23	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.	
	S 10 $\frac{1}{4}$ S 15 1932	
	from which	
	A pinon, 4 ins. diam., bears S.10°00'W., 48 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.	
	A pinon, 8 ins. diam., bears N.27°00'W., 13 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.	
	Continue descent of .260 ft.	

SURVEY OF THE CEDAR CREEK DIVISION OF THE SAN JUAN RIVER

Chains	
45.30	Bottom of draw, courses S.. Ascend 290 ft.. over E. slope.
68.30	Top of spur, slopes S. Descend 490 ft. over E. slope.
80.46	The cor. of secs. 9, 10, 15 and 16. Land, mountainous; general drainage S. soil, loose sandy loam; 2nd. rate. Timber, juniper, pinon and fir. Undergrowth, sage, buck and service berry, brush. Fair grazing.
	N.0°15'W., bet. secs. 9 and 10. Over mountainous land, through medium dense timber and undergrowth. Ascend 530 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 9 S 10 1932
	from which A pinon, 10 ins. diam., bears S.63°00'E., 49 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
	A fir, 36 ins. diam., bears West, 74 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.
	Continue ascent of 140 ft.
49.30	Rim of canyon, bears SE. and NW. Continue ascent 430 ft. along SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 29 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the cor. of secs. 3, 4, 9 and 10, with brass cap mkd.
	T15S R18E S 4 S 3 S 9 S 10 1932
	from which A pinon, 12 ins. diam., bears N.56°00'E., 26 lks. dist., mkd. T 15 S R 18 E S 3 B T.

A SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	A pinon, 10 ins. diam., bears S. 51°45' E., 73 lks. dist., mkd. T 15 S R 18 E S 10 B T.
48.40	A juniper, 10 ins. diam., bears S. 42°30' W., 75 lks. dist., mkd. T 15 S R 18 E S 9 B T.
58.40	A pinon, 10 ins. diam., bears N. 15°45' W., 90 lks. dist., mkd. T 15 S R 18 E S 4 B T.
60.00	Land, mountainous; general drainage SW.
60.00	Soil, loose sandy loam; 2nd rate.
60.00	Timber, juniper, pinon and fir.
60.00	Undergrowth, sage, service berry, oak and buck brush.
60.00	Poor grazing.
40.00	N. 89°58' E., on random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.24	Intersect. N. and S. line, 5 lks. S. of the cor. of secs. 2, 3, 10 and 11.
80.24	Thence
80.24	S. 89°56' W., on true line bet. secs. 3 and 10.
80.24	Over. mountainous land through medium dense timber and undergrowth. Descend 400 ft. over NW. slope, to
2.00	Top of low spur, slopes SW. Continue descent.
12.50	Bottom of draw, course S. Ascend 240 ft. over E. slope.
22.30	Top of spur, slopes S. Descend 260 ft. over W. slope.
33.10	Bottom of draw, course S. Ascend 80 ft. over E. slope.
40.12	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 3 — $\frac{1}{4}$ — S 10 1932
	from which
	A pinon, 3 ins. diam., bears N. 3°00' E., 57 lks. dist., mkd. B T.
	A pinon, 6 ins. diam., bears S. 64°00' E., 61 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
40.20	Top of spur, slopes S. descend 240 ft. over W. slope.

SURVEY OF THE SUBDIVISION OF T. 15 N. W. M.

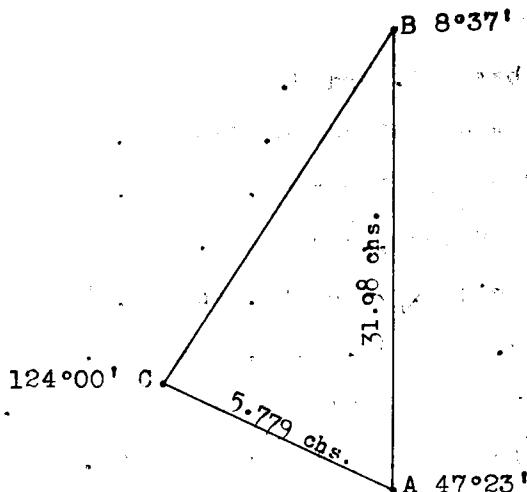
Chains			
63.10	Bottom of draw, course SE. Ascend 480 ft. over NE. slope.	A	slope
78.30	Top of ridge, bears NW. and SE. Descend 30 ft. over SW. slope.	A	
80.24	The cor. of secs. 3, 4, 9 and 10.	A	
	Land, mountainous; general drainage S.	A	
	Soil, loose sandy loam; 2nd rate.	A	
	Timber, juniper and pinon.	A	
	Undergrowth, sage, buck, oak and service berry brush.	A	
	Fair grazing.	A	
	N. 0°19' W., on random line bet. secs. 3 and 4.		
40.00	Set temp. $\frac{1}{4}$ sec. cor.		
80.64	Intersect the N. bdy., 30 lks. W. of the cor. of secs. 3, 4, 33 and 34 heretofore described.		
	Thence		
	S. 0°6' E., on true line bet. secs. 3 and 4.		
	Over mountainous land through medium dense timber and undergrowth. Ascend 50 ft. over NW. slope.		
7.90	Top of ridge, bears NE. and SW. Ascend 90 ft. over SE. slope.		
8.80	Bottom of draw, course NE. Ascend 120 ft. over NE. slope.		
24.10	Trail, bears E. and W.		
35.80	Top of ridge, bears NW. and SE. Divide between Chandler canyon and Wild Horse Basin. Descend 510 ft. over SW. slope to sec. cor.		
40.64	Set an iron post, 3 ft. long, .1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.		
	$\frac{1}{4}$		
	S 4 S 3		
	1932		
		from which	
	A pinon, 3 ins. diam., bears N. 75°00' W., 68 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.		
	A pinon, 4 ins. diam., bears N. 79°00' E., 136 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.		02.04

A SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	Description
63.00	Trail bears E. and W.
50.64	Top of spur, slopes S. from NE.
64.60	Top of spur, slopes SE. from N.
69.90	Bottom of draw, course SE.
76.50	Top of ridge, bears NW. and SE.
80.64	The cor. of secs. 3, 4, 9 and 10. Land, mountainous; general drainage S. Soil, loose sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth, sage, buck, service berry and oak brush. Fair grazing.
4.48	From the standard cor. of secs. 32 and 33 on the S. bdy., which is an iron post, 2 ins. in diam., firmly set, properly mdkd. and witnessed as described in the official record.
4.80	N. 0°16' W., on true line bet. secs. 32 and 33. Over mountainous land through scattering timber and undergrowth. Ascend 175 ft.
4.48	Top of spur, slopes E. Set flag designated as A for future triangulation.
4.80	Rim of Moon Water Point, bears NW. and SE. The line to the north descends along the precipitous E. slope of Chandler canyon over which chaining is impracticable. Therefore to determine the distance I return to point A and triangulate as follows: Erect flag B on line to the north and set flag C northwesterly from A the mean distance of 5.779 chs. by two set of chainmen by 1st set 5.778 chs. by 2nd set 5.78 chs.
	The angles were determined by three repetitions with the error balanced to 180° . Angle at A is $47^\circ 23'$; angle at B is $8^\circ 37'$; angle at C is $124^\circ 00'$. The vertical angle from A to B is minus $17^\circ 30'$.

SURVEY OF THE SUBDIVISION OF T. 15 S. W. M. D. E.

Chains

18.50
36.46Distance on line to A-----4.48 chs.
Distance by triangulation A to B-----31.98 chs.
Total distance on line to B-----36.46 chs.Wash, drains NE.
Point B of triangulation. Ascend 15 ft. over S. slope.
37.74 Top of spur, slopes E. Descend 100 ft. over N. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \text{S32} \quad \text{S33} \\ \hline 1931 \end{array}$$

from which

A fir, 8 ins. diam., bears S.66°00'E., 16 lks. dist.,
mkd. $\frac{1}{4}$ S 33 B T.A fir, 5 ins. diam., bears S.64°00'W., 43 lks. dist.,
mkd. $\frac{1}{4}$ S 32 B T.

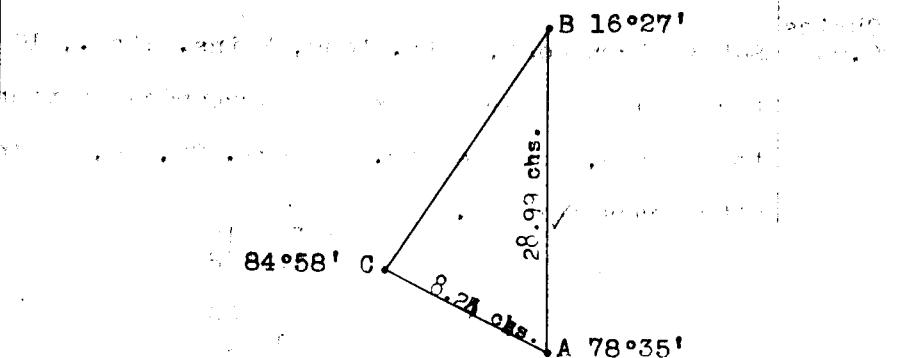
The line to the north descends over precipitous slope and series of vertical ledges over which chaining is impracticable. Therefore to determine the distance I return to the 37.74 chs. point and erect flag A and set flag B on line to the north. From A measure base line northwesterly 8.24 chs. dist. with no difference in measurement by two set of chainmen and erect flag C.

The angles were determined by three repetitions with the error balanced to 180° . Angle at A is $78^\circ 35'$; angle at B is $16^\circ 27'$; angle at C is $84^\circ 58'$. The vertical angle from A to B is 16° minus.

SURVEY OF THE SUBDIVISION OF T.15 S., R. 18 E.

Chains

ft. chs.



Distance on line to A is ----- 37.74 chs.
 Distance by triangulation A to B----- 28.99 chs.
 Total distance on line to B----- 66.73 chs.

58.00

Approximate distance: Bottom of draw, course NE.

66.73

Point B of triangulation..

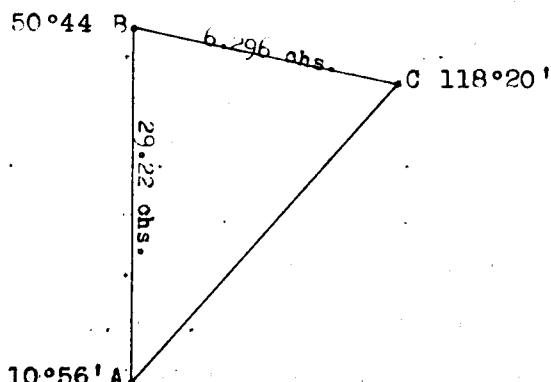
66.82

Top of spur, slopes NE.

The line to the north descends over vertical rims and precipitous slope of Chandler canyon over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at this point and set flag B on line to the north; also set flag C northeasterly from A. The angles were determined by three repetitions with the error balanced to 180° . The angle at A is $10^\circ 56'$; angle at B is $50^\circ 44'$; angle at C is $118^\circ 20'$. The mean distance of the base line BC is 6.296 chs. by two set of chainmen
 by 1st set 6.297 chs.
 by 2nd set 6.295 chs.

The vertical angle from A to B is minus $28^\circ 45'$.



Distance by triangulation A to B----- 29.22 chs.
 Distance on line to A is----- 66.82 chs.
 Total distance on line to B----- 96.04 chs.
 By return measurement----- 16.04 chs.
 Total distance on line----- 80.00 chs.

SURVEY OF THE SUBDIVISION ON T. 15 S. R. 18 E.

Chains 80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the cor. of secs. 28, 29, 32 and 33, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T15S</td><td>R18E</td></tr> <tr><td>S29</td><td>S28</td></tr> <tr><td>S32</td><td>S33</td></tr> <tr><td colspan="2">1931</td></tr> </table> <p>from which A fir, 6 ins. diam., bears S.83°00'W., 10 lks. dist., mkd. T 15 S R 18 E S 32 B T.</p> <p>A fir, 14 ins. diam., bears N.4°00'W., 48 lks. dist., mkd. T 15 S R 18 E S 29 B T.</p> <p>No other suitable bearing trees available.</p> <p>Land, mountainous; general drainage N.</p> <p>Soil, loose sandy loam with sandstone surface rock; 2nd. rate.</p> <p>Timber, juniper, pinon and fir.</p> <p>Undergrowth, service berry and buck brush.</p> <p>Poor grazing.</p>	T15S	R18E	S29	S28	S32	S33	1931	
T15S	R18E								
S29	S28								
S32	S33								
1931									
37.14	East on random line bet. secs. 28 and 33.								
79.96	Set temp. $\frac{1}{4}$ sec. cor.								
	Intersect N. and S. line 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.								
	Thence								
	S.89°58'W., on true line bet. secs. 28 and 33.								
	Over mountainous land through dense timber and scattering undergrowth. Ascend 600 ft. over SE. slope.								
18.00	Top of spur, slopes SW. Descend 1330 ft. over W. slope to bottom of Chandler Canyon.								
39.98	True point for the $\frac{1}{4}$ sec. cor., falls on sloping sandstone ledge where it is impracticable to set cor.								
42.82	Foot of sandstone ledge, bears N. and S.								
	Set an iron post, 3 ft. long 1 in. diam., 8 ins. in the ground to solid rock and surrounded by mound of stone to the top for the $\frac{1}{4}$ sec. cor., with brass cap mkd.								

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

0 miles	Altitude 5000 ft.	S 28 WC S33 1931
		from which
	A fir, 10 ins. diam., bears N. 25° 00' E., 63 lks. dist., mkd. WC $\frac{1}{4}$ S 28 B.T.	
	A fir, 6 ins. diam., bears S. 51° 00' W., 48 lks. dist., mkd. WC $\frac{1}{4}$ S 33 B.T.	
	Continue descent over W. slope.	
52.00	Foot of precipitous W. slope, bears NE. and SW. Thence gradual descent over bottom of Chandler canyon.	
	Leave timber bears NE. and SW.	
58.50	Small draw, course SW.	
66.40	Bottom of Chandler canyon, stream of clear water 2 lks. wide course NW. Ascend 340 ft. over N. slope to sec.cor.	
68.70	Foot of abrupt ascent bears NW. and SE. Enter timber bears NW. and SE.	
79.96	The cor.of secs. 28, 29, 32 and 33. Land, mountainous; general drainage NW. Soil, loose sandy loam with surface sandstone; 2nd rate. Timber, juniper, pinon and fir. Undergrowth, sagebrush, buck brush and service berry brush. Fair grazing.	
	N. 0° 16' W., bet. secs. 28 and 29.	
	Over mountainous land through dense timber and under- growth. Descend 300 ft. over N. slope.	
8.30	Foot of precipitous slope, bears NW. and SE. Leave timber bears NW. and SE. Thence in bottom of Chandler canyon.	
13.70	Bottom of Chandler canyon, stream of clear water 2 lks. wide, course NW.	
16.04	Point B of triangulation(see line bet. secs. 32 and 33) Foot of precipitous slope bears NW. and SE. The line to the north ascends over vertical ledges over	

SURVEY OF THE SUBDIVISION OF T. 15 S. R. 18 E.

Chains which chaining on true line is impracticable. Therefore I offset as follows: Topography given on offset line. West, 3.00 chs. dist. thence N.0°16'W., on offset line with continuous measurement.

28.00 Top of spur, slopes W.

40.00 East, 3.00 chs. dist. to true line.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and surrounded by mound of stone to the top, with sandstone 8 x 6 x 4 ins. mkd. with X deposited at the base, for the 1 sec. cor., with brass cap mkd.

S 29 | S 28

1931

No other suitable accessories available.

Thence N.0°16'W., on true line

41.00 Bottom of draw, course S7. Ascend 880 ft. Enter timber bears NE. and SW.
57.10 Top of spur, slopes SE. Continue ascent.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

T15S	R18E
S20	S21
S29 S28	
1931	

from which

A juniper, 5 ins. diam., bears N.12°30'W., 10 lks. dist., mkd. T 15 S R 18 E S 21 B T.

A pinon, 10 ins. diam., bears S.75°00'E., 127 lks. dist., mkd. T 15 S R 18 E S 28 B T.

A fir, 14 ins. diam., bears S.80°00'W., 72 lks. dist., mkd. T 15 S R 18 E S 29 B T.

A pinon, 10 ins. diam., bears N.51°00'W., 19 lks. dist., mkd. T 15 S R 18 E S 20 B T.

Land, mountainous; general drainage SW.

Soil, loose sandy loam with sandstone surface rock; 2nd rate.

Timber, juniper, pinon and fir.

A SURVEY OF THE SUBDIVISION OF T. 15 S. V. R. 18 E.

Chains	Undergrowth, sage, buck and service berry brush.
41.00	Poor grazing. No signs of juniper or other shrubs.
so 41.00	dist., general poor drainage, soil of sand and
etc.	N.89°58'E., on random line bet. secs. 21 and 28.
40.09	Set temp. $\frac{1}{4}$ sec. cor. Over mountainous land through medium dense timber and
479.66	Intersect N. and S. line, 31 lks. S. of the cor. of secs. 21, 22, 27 and 28. Then descend SW. slope.
	Thence N. 1/2 sec. cor. through broken descent of SW. slope.
	S.89°57'W., on true line bet. secs. 21 and 28.
	Over mountainous land, through medium dense timber and undergrowth. Descend 150 ft. over SW. slope.
11.40	Bottom of draw, course SW. Continue broken descent of 780 ft. over SE. slope, to the $\frac{1}{4}$ sec. cor.
32.50	Top of spur, slopes SW. Continue descent.
35.60	Bottom of draw, course SW. Ascend 350 ft. over SE. slope to sec. cor.
39.83	Set an iron post, 3 ft. long, 1 in. in diam., over X cut in solid rock, and surrounded by a mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 21 S 28 1932
	from which
	A juniper, 8 ins. diam., bears N.53°00'E., 158 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.
	A pinon, 6 ins. diam., bears S.25°00'W., 48 lks. dist., mkd. $\frac{1}{4}$ S 28 B T.
	Continue ascent.
79.66	The cor. of secs. 20, 21, 28 and 29.
	Land, mountainous; general drainage SW.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper, pinon and fir.
	Poor grazing.
	Undergrowth, sage, buck and service berry brush.
	<hr/>
	N.0°16'W., bet. secs. 20 and 21.
	Over mountainous land through medium dense timber and undergrowth.

SURVEY OF THE SOUTHWESTERN PART OF T. 15 S., R. 18 E.

Chains	
0.60	<p>Top of ridge, bears NE. and SW. The line to the north crosses deep canyon with precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:</p> <p>Erect flag A at this point and set flag B on line to the north and also set flag C southeasterly from A the mean distance of 8.208 chs. by two sets of chainmen;</p> <p>by 1st set 8.209 chs. by 2nd set 8.207 chs.</p> <p>The angles were determined by three repetitions with the error balanced to 180°. Angle at A is $90^\circ 16'$; angle at C is $78^\circ 16'$; angle at B is $11^\circ 28'$. The vertical angle from A to B is minus 13°.</p> <p>Distance on line to A is-----0.60 chs. Distance by triangulation A to B-----40.42 chs. Total distance on line to B-----41.02 chs. Distance by return measurement-----1.02 chs. 40.00 chs.</p>
31.00	Approximate dist.: Bottom of canyon course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 20 S 21 1932
	from which
	A pinon, 3 ins. diam., bears S.60°00'E., 40 lks. dist., mkd. S T.
	A juniper, 5 ins. diam., bears S.59°00'W., 49 lks. dist., mkd. S 20 S T.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	
41.02	Point, B of triangulation. Ascend 1030 ft. over SE. slope.
64.20	Top of ridge, bears E. and W. Descend 730 ft. over N. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the cor. of secs. 16, 17, 20 and 21 with brass cap mkd.

T15S	R18E
S17	S16

S20	S21
1932	

from which

A fir, 12 ins. diam., bears N. $89^{\circ}00'$ E., 68 lks. dist., mkd. T 15 S R 18 E S 16 B T.

A pinon, 18 ins. diam., bears S. $22^{\circ}30'$ E., 29 lks. dist., mkd. T 15 S R 18 E S 21 B T.

A pinon, 10 ins. diam., bears S. $24^{\circ}00'$ W., 68 lks. dist., mkd. T 15 S R 18 E S 20 B T.

No other suitable bearing tree available.

Land, mountainous; general drainage SW.

Soil loose sandy loam; 2nd rate.

Timber, juniper, fir and pinon.

Undergrowth, sage, service berry, oak and buck brush.

Poor grazing.

N. $89^{\circ}57'$ E., on random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.70 Intersect N. and S. line, 26 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence

N. $89^{\circ}52'$ W., on true line bet. secs. 16 and 21.

Over mountainous land, through medium dense timber and undergrowth. Ascend 180 ft. over SE. slope.

20.50 Top of ridge, bears NE. and SW. Descend 460 ft. over NW. slope.

SURVEY OF THE SUBDIVISION OF T. 15 S. R. 18 E.

cont'd

Chains

39.86

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in
the ground to solid rock and surrounded by mound of
stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} S\ 16 \\ \frac{1}{4} \\ S\ 21 \\ 1932 \end{array}$$

from which

A fir, 6 ins. diam., bears S.48°00'E., 34 lks. dist.,
mkd. $\frac{1}{4}$ S 21 B T.

A fir, 10 ins. diam., bears N.92°00'W., 49 lks. dist.,
mkd. $\frac{1}{4}$ S 16 B T.

Continue descent of 390 ft. over NW. slope.

79.70

The cor. of secs. 15, 17, 20 and 21.

Land, mountainous; general drainage NW.

Soil, loose sandy loam; 2nd rate.

Timber, juniper, pinon and fir.

Undergrowth, sage, buck and service berry brush.

Poor grazing.

N.0°16'W., bet. secs. 16 and 17.

Over mountainous land, through scattering timber and
undergrowth. Descend 810 ft. over NW. slope.

20.70

Bottom of canyon, course NW. Ascend 530 ft. over SW. slope.

33.00

Top of spur, slopes W. Descend 90 ft. over NW. slope.

33.05

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the
ground to solid rock and surrounded by mound of stone to
the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ WC \\ S\ 17 | S\ 16 \\ 1932 \end{array}$$

from which

A juniper, 8 ins. diam., bears N.5°00'E., 12 lks. dist.,
mkd. WC $\frac{1}{4}$ S 16 B T.

A fir, 6 ins. diam., bears S.83°30'W., 69 lks. dist.,
mkd. WC $\frac{1}{4}$ S 17 B T.

SURVEY OF THE SUBDIVISION OF T.15 S., R. 18 E.

Chains

- 40.00 True point for the $\frac{1}{4}$ sec. cor., falls on sloping
sandstone ledge where it is impracticable to set cor.
47.30 Bottom of draw, course SW. Ascend 180 ft. over SE. slope.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground, for the cor. of secs. 8, 9, 16 and 17, with
brass cap mkd.

T15S R18E

S 8 | S 9

S17 | S16

1932

from which

A fir, 20 ins. in diam., bears N.35°00'E., 13 lks. dist.,
mkd. T 15 S R 18 E S 9 B.T.

A fir, 10 ins. diam., bears S.30°00'E., 41 lks. dist.,
mkd. T 15 S R 18 E S 16 B.T.

A pinon, 8 ins. diam., bears S.70°00'W., 78 lks. dist.,
mkd. T 15 S R 18 E S 17 B.T.

A pinon, 5 ins. diam., bears N.75°00'W., 58 lks. dist.,
mkd. T. 15 S, R 18 E S 8 B.T.

Land, mountainous; general drainage S.

Soil, loose sandy loam; 2nd rate..

Timber, juniper, pinon and fir.

Undergrowth, sage, buck and service berry brush.

Poor grazing.

S.89°52'E., on random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.60 Intersect N. and S. line, 28 lks. N. of the cor. of secs.
9, 10, 15 and 16.

Thence

N.89°40'W., on true line bet. secs. 9 and 16.

Over mountainous land through medium dense timber and
undergrowth. Ascend 740 ft. to top of ridge.

1.60 Small draw, course SW.

8.60 Rim of mesa, bears NE. and SW.

33.40 Top of ridge, bears N. and S. Descend 30 ft.

SURVEY OF THE SUBDIVISION OF T.15 S. 1/4 SEC. 10 E.

CONT'D

Chains 39.80	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 9 S 16 1932
	from which A fir, 25 ins. in diam., bears S.5°00'E., 316 lks. dist., mkd. $\frac{1}{4}$ S 16 S T. A juniper, 20 ins. diam., bears N.11°00'W., 209 lks. dist., mkd. $\frac{1}{4}$ S 9 S T. Descend 150 ft. over W. slope.
52.50	Rim of mesa, bears NW. and SE. Continue descent.
53.10	Bottom of draw, course S. Ascend 50 ft. over E. slope.
57.10	Spur, slopes S. Descend 920 ft. over SW. slope.
79.60	The cor. of secs. 8, 9, 16 and 17. Land, mountainous; general drainage and exposure S. Soil, loose sandy loam; 2nd rate. Timber, juniper and pinon and fir. Undergrowth, sage, buck and service berry. Poor grazing..
	N.0°16'W., bet. secs. 8 and 9. Over mountainous land, through medium dense timber and undergrowth. Descend 130 ft. over NW. slope.
10.40	Bottom of draw, course SW. Ascend 120 ft. over SE. slope.
14.50	Top of spur, slopes E. Descend 130 ft. over N. slope.
17.00	Bottom of draw, course SE. Ascend 100 ft. over SW. slope.
19.60	Top of spur, slopes W. Descend 60 ft. over N. slope.
21.90	Bottom of same draw, course SW. Ascend 560 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 8 S 9 1932
	from which

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	A pinon 8 ins. diam., bears S.70°00'E., 42 lks. dist., mkd. $\frac{1}{4}$ S 9 B.T.
	A pinon, 16 ins. diam., bears S.82°00'W., 17 lks. dist., mkd. $\frac{1}{4}$ S 8 B.T.
	Continue ascent of 120 ft.
.43.70	Top of spur, slopes E. Descend 320 ft. over N. slope.
56.50	Bottom of draw, course SE. Ascend 430 ft. over S. slope.
67.40	Top of spur, slopes SE. Descend 100 ft. over NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the cor. of secs. 4, 5, 8 and 9, with brass cap mkd.

T15S R18E
S 5 | S 4
—
S 8 | S 9
1932

from which

A pinon, 6 ins. diam., bears N. 49°00'E., 78 lks. dist., mkd. T 15 S R 18 E S 4 B T.

A pinon 10 ins. diam., bears S.34°00'E., 14 lks. dist., mkd. T 15 S R 18 E S 9 B T.

A pinon 8 ins. diam., bears S.73°00'W., 31 lks. dist., mkd. T 15 S R 18 E S 8 B T.

A pinon 8 ins. diam., bears N.46°00'W., 53 lks. dist., mkd. T 15 S R 18 E S 5 B T.

Land, mountainous; general drainage S.

Soil loose sandy loam; 2nd rate.

Timber, juniper, pinon and fir.

Undergrowth, sage, buck and service berry brush.

Poor grazing.

S.89°40'E., on random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.70 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence

N.89°43'W., on true line bet. secs. 4 and 9.

SURVEY OF THE SWEEPING SLOPES T.15 N.R.

Chain	Over mountainous land through medium dense timber and undergrowth. Ascend 30 ft. over E. slopes .5ks. dist.
0.70	Head of draw, course SW..
10.00	Top of ridge, bears N. and S. Descend 230 ft. over W. slope.
23.70	Bottom of draw, course S. Ascend 170 ft. over E. slope.
33.10	Top of ridge, bears N. and S. Descend 90 ft.
39.95	Set on iron post, 3 ft. long, 1 in. diam., 28 ins. from the ground to solid rock and surrounded by mound of stone to the top for the 1 sec. cor., with brass cap mkd.
	S 4 — S 9 1932
	from which
	A pinon 4 ins. diam., bears N.9°30'E., 38 lks. dist., mkd. ; S 4 B T.
	A pinon 3 ins. diam., bears S.26°00'E., 6 lks. dist., mkd. , S 9 B T.
	Descend 100 ft. over W. slope.
42.90	Bottom of draw, course S. Ascend 30 ft. over E. slope.
50.70	Top of spur, slopes SW. Descend 390 ft. over NW. slope.
54.0	Rim of mesa, bears N. and S.
70.50	Bottom of draw, course SW. Ascend 280 ft. over SE. slope.
79.70	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous; general drainage S.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper and pinon.
	Undergrowth, sage, buck and service berry brush.
	Poor grazing.
	8.0°05'W., on random line bet. secs. 4 and 5.
40.00	Set temp. 1 sec. cor.
40.05	Intersect the N. bdy. of the township, 35 lks. E. of the cor. of secs. 4, 5, 32 and 33, heretofore described.
	Thence
	8.0°21'E., on true line bet. secs. 4 and 5.

A. S. SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chain	Over mountainous land through medium dense timber and undergrowth. Descend 520 ft. to the $\frac{1}{4}$ sec. cor.
Geo. Survey	
1.00	Trail bears E. and W.
28.30	Top of spur, slopes SE.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$
	S 5 S 4
	1932
	from which
	A pinon, 12 ins. diam., bears N.13°00'E., 76 lks. dist., mkd. $\frac{1}{4}$ S 4 B.T.
	A pinon 18 ins. diam., bears N.25°00'W., 72 lks. dist., mkd. $\frac{1}{4}$ S 5 B.T.
41.00	Bottom of draw, course SE. Ascend 290 ft. to sec. cor.
76.50	Rim of mesa, bears NE. and SW.
80.05	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous; general drainage S.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper and pinon.
	Undergrowth, sage, buck, service berry and oak brush.
	Fair grazing.
<hr/>	
	From the standard corner of secs. 31 and 32 on the S. bdy. of the township, which is an iron post, 2 ins. diam, firmly set, properly mkd. and witnessed as described in the official record.
	N.0°16'W., on true line bet. secs. 31 and 32.
	Over mountainous land through dense undergrowth and scattering timber. Descend 120 ft. over NW. slope.
3.90	Bottom of draw, course NE. Ascend 160 ft. over SE. slope.
14.70	Top of spur, slopes NE. Descend 60 ft. over NW. slope.
32.30	Bottom of draw, course NE. Ascend 50 ft. over SE. slope to top of spur.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, with sandstone 10 x 6 x 3 ins.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains mkd. X deposited at the base, and surrounded to the top by a mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 31 | S 32

1931

No other suitable accessories available.

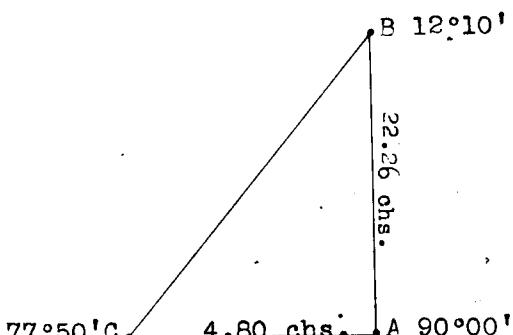
59.20 Top of spur, slopes NE. Descend NW. slope 50 ft.

66.22 Rim of Chandler canyon bears E. and W. Abrupt descent. The line to the north descends over precipitous slope and series of sandstone ledges over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at this point and set flag B on line to the north; also set flag C westerly from A the mean distance of 4.80 chs. with no difference by two set of chainmen.

This was the longest practicable base line available.

The angles were determined by three repetitions with the error balanced to 180° . Angle at A is 90° ; angle at C is $77^\circ 50'$; angle at B is $12^\circ 10'$. The vertical angle from A to B is minus 2° .



Distance on line to A-----66.22 chs.
 Distance by triangulation A to B-----22.26 chs.
 Total distance on line to B-----88.48 chs.

75.00 Approx. dist.: Bottom of draw, course NE. Ascend abrupt SE. slope over inaccessible ledges.

80.00 True point for the cor. of secs. 29, 30, 31 and 32 falls on inaccessible ledges where it is impracticable to set corner.

88.48 Point B of triangulation. On top of ledge bearing NE. and SW.

SURVEY OF THE SUBDIVISION OF T.15 S., R. 18 E.

Chains Set an iron post, 3 ft. long, 2 ins. diam., over X cut
in solid rock and surrounded by mound of stone to the
top for the witness corner of secs. 29, 30, 31 and 32
with brass cap mkd.

T15S	R18E
S30	S29
S31	S32
W.C.	
1931	

from which

A pinon, 8 ins. diam., bears N.21°00'E., 76 lks. dist.,
mkd. W C T 15 S R 18 E S 29 B T.

A juniper, 6 ins. diam., bears N.59°00'W., 62 lks. dist.,
mkd. W C T 15 S R 18 E S 30 B T.

No other suitable bearing trees available.

Land, mountainous; general drainage and exposure NE.

Soil, loose sandy loam with sandstone surface rock;
3rd rate.

Timber, juniper, pinon and fir.

Undergrowth, sage, buck, oak, service berry brush.

Poor grazing.

From the witness cor. for secs. 29, 30, 31 and 32, which
is N.0°16'W., 8.48 chs. dist. from the true corner point
which is inaccessible. To determine the distance bet.
secs. 29 and 32 I run on offset as follows:

West, 8.07 chs. thence

S.0°16'E., 8.48 chs. thence

East, on random line bet. secs. 29 and 32.

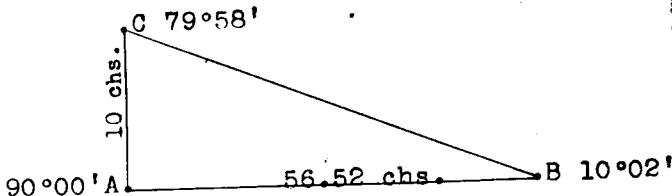
The line to the east descends over precipitous E. slope,
and a series of ledges over which chaining is impracticable.
Therefore to determine the distance I triangulate as
follows:

Erect flag A at this point and set flag B on line to
the east. Also set flag C northerly from A the mean
distance of 10 chs. by two set of chainmen with no
difference in measurement. The angles were determined

SURVEY OF THE SUBDIVISION OF T.15 S., R. 18 E.

Chains

by three repetitions with the error balanced to $180^{\circ}43'$
 The angle at A is 90° ; angle at B is $10^{\circ}02'$; angle at
 C is $79^{\circ}58'$. The vertical angle from A to B is minus 27° .



Distance by triangulation from A to B-----56.52 chs.
 Distance A was West of true cor. point----- 8.07 chs.
 Distance on line to B----- 48.45 chs.
 Distance by return measurement----- 10.45 chs.
 38.00 chs.

40.00 Set temp. & sec. cor. 11°.

48.45 Point B of triangulation.

80.06 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
 29, 29, 32 and 33.

Thence

S. $89^{\circ}58'W.$, on true line bet. secs. 29 and 32.

Over mountainous land through medium dense timber and
 undergrowth. Ascend 60 ft.

7.50 Top of rocky spur, slopes N. Descend 400 ft.

20.60 Bottom of draw, course N. Ascend 40 ft.

31.61 Top of spur, slopes NE. Descend 130 ft.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ —————
 S 29
 S 32
 1931

from which

A fir, 4 ins. diam., bears N. $14^{\circ}30'E.$, 31 lks. dist.,
 mkd. $\frac{1}{4}$ S 29 BT.

A fir, 18 ins. diam., bears S. $35^{\circ}00'E.$, 48 lks. dist.,
 mkd. $\frac{1}{4}$ S 32 BT.

42.00 Bottom of draw, course NE. Abrupt ascent over E. slope.
 Distance determined by triangulation on random line.

80.06 The true point for the corner of secs. 29, 30, 31 and 32.
 Land, mountainous; general drainage NE.
 Soil, loose sandy loam with sandstone surface rock; 2nd
 rate.

10.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	Timber, Juniper, pinon and fir. Undergrowth, sage, buck, oak and service berry brush. Poor grazing.
	From the witness corner of secs. 29, 30, 31 and 32, which is N.0°16'W., 8.48 chs. dist. from the true point. The true point for the cor. of secs. 29, 30, 31 and 32 is inaccessible. Thence
	West on random offset line bet. secs. 30 and 31.
8.07	Thence S.0°16'E., 8.48 chs. to point on random line bet. secs. 30 and 31. Thence
	West on random line bet. secs. 30 and 31.
40.00	Set temp. 4 sec. cor.
55.79	The line to the west descends over precipitous W. slope over which chaining is impracticable. Therefore to determine the distance I triangulate as follows. Erect flag A at this point and set flag B on line on the W. bdy. of township. From A. measure base line southerly 7.92 chs. dist., the mean of two set of chainmen with no difference in measurement. The angles were determined by three repetitions with the error balanced to 180°. The vertical angle from A to B is minus 36½°.
	Angle at A is 90°00' Angle at B is 18°17' Angle at C is 71°43' Distance on line to point A-----55.79 chs. Distance by triangulation A to B-----23.97 chs. Total distance on line to B-----79.76 chs.
79.76	Intersect the W. bdy. of the township, 20 lks. S. of the true point for the corner of secs. 25; 30, 31 and 36 heretofore described. Thence
	8.89°51'E., on true line bet. secs. 30 and 31.
	Over mountainous land through dense timber and medium dense undergrowth.

SURVEY OF THE SUBDIVISION OF T.15 S., R. 31 E.

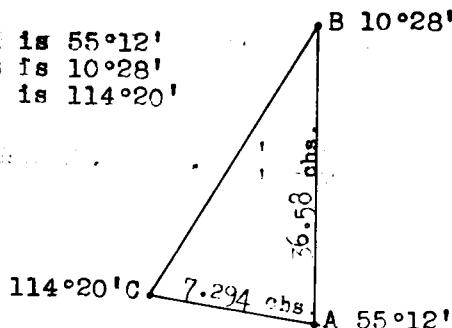
Chains	Ascend precipitous W. slope.
23.97	Rim of Moonwater point, bears NW. and SE.
25.40	Top of ridge, bears NW. and SE. Leave timber bears NW. and SE. Descend 20 ft. over SE. slope.
28.60	Bottom of draw, course NW. Ascend 70 ft. over SW. slope to top of spur.
39.76	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 30 — $\frac{1}{4}$ S 31. 1931
	and raise
43.20	mound of stone, 3 ft. base, 2 ft. high, N. of the cor.
71.69	Top of spur, slopes N. Descend 180 ft. over NE. slope. Rim of Moonwater point, bears NE. and SW. Enter timber bears NE. and SW.
	The line to the east descends over precipitous E. slope where chaining on true line is impracticable.
	Therefore I run on offset as follows:
	N.0°16'W., 8.48 chs. dist.; thence
	S.89°51'E., on offset line to
73.76	The witness corner of secs. 29, 30, 31 and 32.
	Land, mountainous; general drainage N.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper, pinon and fir.
	Undergrowth, sage, buck, service berry and oak brush.
	Fair grazing.
	N.0°16'W., on true line bet. secs. 29 and 30.
	Counting distance from the true corner point.
	Over mountainous land through dense timber and undergrowth.
8.48	The witness corner of secs. 29, 30, 31 and 32.
10.68	Top of spur, slopes E. The line to the north passes along precipitous E. slope of Moonwater point over which chaining is impracticable. Therefore to determine the

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chadron Distance to triangulate as follows:

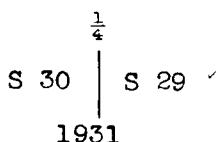
Erect flag A at this point and set flag B on line to the north. Also set flag C northwesterly from A the mean distance of 7.294 chs. with no difference in measurement between two set of chainmen. The angles were determined by three repetitions with the error balance to 180° .

Angle at A is $55^\circ 12'$
 Angle at B is $10^\circ 28'$
 Angle at C is $114^\circ 20'$



Distance on line to A-----10.68 chs.
 Distance by triangulation A to B-----36.58 chs.
 Total distance on line to B-----47.26 chs.
 Distance by return measurement-----7.26 chs.
 40.00 chs.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A fir, 8 ins. diam., bears N. $19^\circ 00'$ E., 11 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.

A fir, 8 ins. diam., bears S. $17^\circ 00'$ W., 56 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

Ascend 150 ft. over NE slope.

47.26 Point B of triangulation.

47.90 Top of spur, slopes NE. Descend 240 ft. over NW. slope.

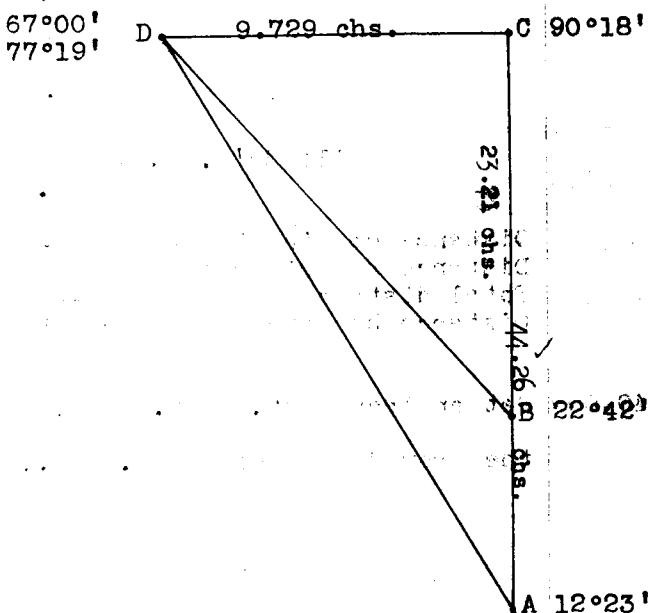
57.95 Top of sandstone ledge, bears NE. and SW.

The line to the north descends over vertical ledges and precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at this point and set flags B and C on line to the north. Also set flag D northwesterly from A.

SURVEY OF THE SUBDIVISION OF T. 15 S. R. 18 E.

Chains The mean distance of the base line CD is 9.729 chs.
 by 1st set of chainmen 9.750 chs.
 by 2nd set of chainmen 9.728 chs.
 The angles were determined by three repetitions with the error balanced to 180° . Angle at A is $12^\circ 23'$; angle at B is $22^\circ 42'$; angle at C is $90^\circ 18'$; angles at D are $67^\circ 00'$ and $77^\circ 19'$. Vertical angle from A to C is minus $32^\circ 45'$ and the vertical angle from B to C is minus $26^\circ 45'$.



Distance on line to point A-----57.95 chs.
 distance by triangulation A to C-----44.26 chs.
 Total distance on line to C-----102.21 chs.
 Distance by triangulation C to B-----23.21 chs.
 Total distance on line to B-----70.00 chs.

- 79.00 Point B of triangulation. Foot of ledge 60 ft. high bears E. and W. Descend 70 ft. over N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the cor. of secs. 19, 20, 29 and 30 with brass cap mkd.

T15S	R18E
S19	S20
S30	S29
1931	

from which
 A fir, 6 ins. diam., bears N. $44^\circ 00'$ E., 34 lks. dist., mkd. T 15 S R 18 E S 20 B T.
 A fir, 10 ins. diam., bears S. $50^\circ 00'$ E., 18 lks. dist., mkd. T 15 S R 18 E S 29 B T.

S. 81 SURVEY OF THE SWEET DIVISION OF T. 15 S., R. 18 E.

	A fir, 10 ins. diam., bears S. 46° W., 40 lks. dist., mkd. T 15 S R 18 E S 30 B T.
	A fir, 8 ins. diam., bears N. 20° 00' W., 3 lks. dist., mkd. T 15 S R 18 E S 19 B T..
	Land, mountainous; general drainage NE.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper, pinon and fir.
	Undergrowth, sage, buck and service berry brush.
	Poor grazing.
	N. 89° 58' E., on random line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line, 3 lks. S. of the cor. of secs. 20, 21, 28 and 29. Thence
	S. 89° 57' W., on true line bet. secs. 20 and 29. Over mountainous land, through medium dense timber and undergrowth. Descend 1990 ft. over SW. slope to bottom of Chandler canyon.
35.10	Foot of precipitous slope bears N. and S. Leave timber bears N. and S. Thence over bottom of Chandler canyon.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{2}$ sec. cor., with brass cap mkd.
	S 20 $\frac{1}{4}$ ————— S 29 1931
	and raise
	mound of stone, 3 ft. base, 2 ft. high N. of the cor.
48.20	Bottom of Chandler Canyon, stream of clear water 2 lks. wide in bottom, course NW. Ascend 1000 ft. along N. slope to sec. cor.
50.10	Foot of precipitous slope bears NW. and SE. Continue ascent over abrupt N. slope. Enter timber bears NW. and SE.
80.10	The cor. of secs. 19, 20, 29 and 30. Land, mountainous; general drainage NW.

SURVEY OF THE SUBDIVISION OF T. 36 R. 31 S.

Chains	Soil, loose sandy loam with sandstone surface rock; 2nd rate. Timber, juniper, pinon and fir. Undergrowth, sage, oak, buck and service berry brush. Poor grazing.	
	N.89°51'W., on random line bet. secs. 19 and 30.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
79.44	Intersect the W. bdy. of the township N. of the corner of secs. 19, 24, 25 and 30. Thence	
	S.89°55'E., on true line bet. secs. 19 and 30.	01.08
	Over mountainous land, through medium dense timber and undergrowth. Ascend 90 ft. along N. slope.	
10.20	Top of rocky spur, slopes N. Descend 450 ft.	
37.40	Bottom of draw, course N. Ascend 330 ft. to top of spur.	
39.44	Set an iron post, 3 ft. long, 12 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.	
	S 19 $\frac{1}{4}$ ————— S 30 1931	
	from which	
	A fir, 9 ins. diam., bears S.17°15'E., 79 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.	
	A fir, 8 ins. diam., bears N.58°30'W., 41 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.	
48.60	Top of spur, slopes N. Descend 350 ft. along N. slope.	
79.44	The cor. of secs. 19, 20, 29 and 30.	01.08
	Land, mountainous; general drainage NW. or ENE.	
	Soil, loose sandy loam with sandstone surface rock; 2nd rate.	01.08
	Timber, juniper, pinon and fir.	
	Undergrowth, oak, service berry and buck brush.	
	Poor grazing.	01.08

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	N.0°16'W., bet. secs. 19 and 20.
mt. . .	Over mountainous land, through medium dense timber and undergrowth. Descend precipitous N. slope.
14.00	Distance determined by triangulation bet. secs. 29 and 30.
19.10	Dist. by return measurement: Foot of precipitous slope bears E. and W. Leave timber bears N. and W. Thence across bottom of Chandler canyon.
22.21	Point C' of triangulation bet. secs. 29 and 30. Also foot of precipitous slope bears E. and W.
	The line to the north ascends along precipitous SW. slope of draw, over which chaining is impracticable. Therefore to determine the distance I run on offset as follows: West, 9.73 chs. dist., thence N.0°16'W., on offset line.
29.00	Approx. dist.: Top of spur, slopes SW. on true line.
40.00	Unable to return to true line at this point. The true point for the $\frac{1}{4}$ sec. cor. falls on inaccessible ledges where it is impracticable to set cor.
40.80	East, 9.73 chs. dist. to point on true line, at base of vertical ledge, .75 ft. high, bears NE. and SW. Thence N.0°16'W., on true line
41.84	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, with sandstone 10 x 8 x 6 ins. mkd. with X deposited at the base, and surrounded by mound of stone to the top, for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 19 S 20 W C 1931
	No other suitable accessories available.
49.00	Bottom of draw, course SW. Ascend 250 ft. over E. slope.
72.60	Top of spur, slopes E. Descend 60 ft. over N. slope.
75.20	Bottom of draw, course E. Ascend 80 ft. over S. slope.
77.70	Rocky point projects E. Descend 20 ft. over N. slope.

SURVEY OF THE SNEY DIVISION LINE, JUN 1931

Chains 80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground to solid rock and surrounded by a band of stone to the top, for the cor. of secs. 17 & 18, 19 and 20, with brass cap mkd. 00.41</p> <table border="1"> <tr> <td>T15S R18E .8 secd</td> </tr> <tr> <td>S18 S17</td> </tr> <tr> <td>S19 S20</td> </tr> <tr> <td>1931 01.01 01.41</td> </tr> </table> <p>A juniper, 6 ins. diam., bears N.19°00'E., 30 lks. dist. mkd. T 15 S R 18 E S 17 B T.</p> <p>A pinon, 8 ins. diam., bears S.23°30'W., 160 lks. dist. mkd. T 15 S R 18 E S 19 BT.</p> <p>No other suitable bearing trees available.</p> <p>Land, mountainous; general drainage SW.</p> <p>Soil, loose sandy loam with sandstone surface rock; 2nd rate.</p> <p>Timber, juniper and pinon.</p> <p>Undergrowth, sage, buck, service berry and oak brush.</p> <p>Poor grazing.</p>	T15S R18E .8 secd	S18 S17	S19 S20	1931 01.01 01.41
T15S R18E .8 secd					
S18 S17					
S19 S20					
1931 01.01 01.41					
	<p>N.89°57'E., on random line bet. secs. 17 and 20.</p> <p>The line to the east crosses a high rocky spur with precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:</p> <p>Designate the corner of secs. 17, 18, 19 and 20 as A, set flag B on line to the East. Also set flag D northeasterly from A. From B set flag C on line to the East. The mean distance of the base line BD is 6.00 chs. with no difference in measurement by two set of chainmen.</p> <p>The angles were determined by three repetitions with the error balanced to 180°. Angle at A is 14°02'; angles at B are 90°00'; angle at C is 18°26'; angles at D are 71°34' and 75°58'. The vertical angle from A to B is plus 29°30'; vertical angle from B to C is minus 28°.</p>				

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains. 21 lks. 65 chs. Junc. at 75°58' D 71°34' N. of last

line of section line. Return measurement 42.00 chs.

Side slopes of 1 in 10, 10% grade.

True bearing of line A-B-C
 A 14°02' A 24.00 chs. 90° 90° C 18°26' B 18.00 chs.

Distance by triangulation A to B-----24.00 chs.
 Distance by triangulation B to C-----18.00 chs.
 Total distance on line to C-----42.00 chs.
 Distance by return measurement-----2.00 chs.
 -----40.00 chs.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect N. and S. line, 14 lks. S. of the cor. of secs.
 16. 17, 20 and 21.

Thence

S.89°51'W., on true line bet. secs. 17 and 20.

Over mountainous land, through medium dense undergrowth
 and scattering timber. Descend 720 ft.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\begin{array}{c} \text{S 17} \\ \hline \frac{1}{4} \\ \text{S 20} \\ 1932 \end{array}$

and raise

mound of stone, 3 ft. base, 2 ft. high, N. of the cor.

40.20 Bottom of draw, course SW. Ascend precipitous E. slope.

55.90 Top of rocky spur, slopes SW. Descend precipitous W.
 slope.

73.40 Measured dist.: Bottom of draw, course S. Spring branch in
 bottom of draw, stream of clear water $\frac{1}{2}$ lk. wide.
 Ascend 210 ft. over E. slope.

79.90 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous; general drainage S.

Soil, loose sandy loam with sandstone surface rock; 2nd
 rate.

Timber, juniper and pinon.

Undergrowth, sage, buck and service berry brush.

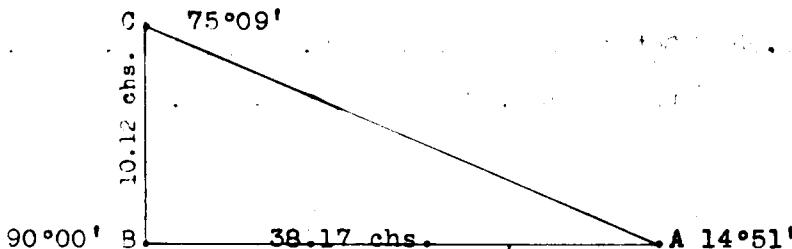
Poor grazing.

SURVEY OF THE SUBDIVISION OF TOWNSHIP 30 N.

Chains N.89°55'W., on random line bet. secs. 18 and 19, section 10. The line to the west ascends over vertical ledges and in precipitous slope over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

- Erect flag A at the corner of secs. 17, 18, 19 and 20, and set flag B on line to the west. Also set flag C northwesterly from A. The mean distance of the base line BC is 10.12 chs. by two set of chainmen
- by 1st set 10.121 chs.
- by 2nd set 10.119 chs.

The angles were determined by three repetitions, with the error balanced to 180° . Angle at A is $14^\circ 51'$; angle at B is 90° ; angle at C is $75^\circ 09'$. Vertical angle from A to B is plus $30^\circ 15'$.



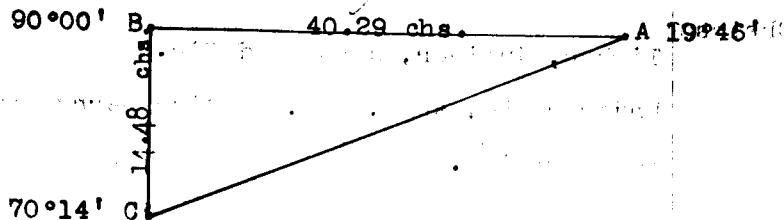
Distance by triangulation A to B-----38.17 chs.
Point B. of triangulation.

38.67 Set temp. witness $\frac{1}{4}$ sec. cor.
The line to the west crosses deep draw, with precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:
Erect flag A at this point and set flag B on line on the W. bdy. of the township. Also erect flag C southwesterly from A. The mean distance of the base line BC is 14.48 chs. by two set of chainmen

by 1st set 14482 chs.
by 2nd set 14.478 chs.

The angles were determined by three repetitions with the error balanced to 180° . Angle at A is $19^\circ 46'$; angle at B is $90^\circ 00'$; angle at C is $70^\circ 14'$. The vertical angle from A to B is minus 12° .

4.51 SURVEY OF THE SUBDIVISION OF T.15 S., R. 18 E.



Total distance on line to A-----38.67 chs.
 Distance by triangulation A to B-----40.29 chs.
 Total distance on line to B-----78.96 chs.

78:96 Intersect the W. bdy. of the township 5 lks. S. of the cor. of secs. 13, 18, 19 and 24.

Thence

S.89°53'E., on true line bet. secs. 18 and 19.

Over, mountainous land through medium dense timber and undergrowth. Descend precipitous E. slope.

18.00 Approx. dist.: Bottom of draw course S. Ascend abrupt W. slope.

38.96 True point for the $\frac{1}{4}$ sec. cor., falls at foot of ledge 60 ft. high, facing "W.", on precipitous slope where it is impracticable to set corner.

40.29 On top of spur sloping S.

Set an iron post, 3 ft. long, 1 in. diam., over X cut in solid surface rock and surrounded by mound of stone to the top, for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 18
WC $\frac{1}{4}$ —————
S 19
1932

from which

A pinon, 5 ins. diam., bears N.24°00'E., 80 lks. dist., mkd. WC $\frac{1}{4}$ S 18 B T.

A juniper, 3 ins. diam., bears S.9°00'W., 106 lks. dist., mkd. BT.

40.79 Commence abrupt descent over series of ledges and precipitous E. slope.

78.96 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous; general drainage SW.

Soil, loose sandy loam with sandstone surface rock; 2nd rate.

SURVEY OF THE SUBDIVISION OF T.15 S. R. 18 E.

Chains	<p>Timber, juniper, pinon and fir. Undergrowth, sage, oak, service berry and buck brush. Poor grazing.</p>
	<p>N.0°16'W., bet. secs. 17 and 18. Over mountainous land through scattering timber and undergrowth. Ascend 840 ft. along broken E. slope to top of spur.</p>
1.70	Top of ledge, 30 ft. high, bears NE. end SW.
18.60	Small draw, course SE. Continue ascent.
40.00	Set an iron post, 3 ft. long, 1 in. diam., over X cut in solid surface rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	from which
	A pinon, 10 ins. diam., bears S.6°30'W., 105 lks. dist., mkd. $\frac{1}{4}$ S 17. B T.
	A pinon, 3 ins. diam., bears S.5°00'W., 139 lks. dist., mkd. B T.
41.50	Top of spur, slopes SE. Descend 270 ft. over NE. slope.
58.90	Bottom of draw, course SE. Ascend 600 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., over X cut in solid surface rock and surrounded by mound of stone to the top, for the cor. of secs. 7, 8, 17 and 18, with brass cap mkd.
	from which
	A fir, 18 ins. diam., bears N.36°30'E., 40 lks. dist., mkd. T 15 S R 18 E S 8 B T.
	A pinon, 12 ins. diam., bears S.30°00'E., 71 lks. dist., mkd. T 15 S R 18 E S 17 B T.
	A pinon, 6 ins. diam. bears S.54°00'W., 50 lks. dist.,

A SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains	mkd. T 15 S R 18 E S 18 B T.
40.00	A pinon, 8 ins. diam., bears N.53°00'W., 78 lks. dist., mkd. T 15 S R 18 E S 7 B T.
63.62	Land, mountainous; general drainage SE.
68.00	Soil, loose sandy loam with sandstone surface rock; 2nd rate.
79.62	Timber, juniper, pinon and fir.
82.00	Undergrowth, sage, buck, service berry and oak brush.
84.00	Poor grazing.
84.00	N.89°51'E., on random line bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.62	Intersect N. and S. line 16 lks. S. of the cor. of secs. 8, 9, 16 and 17.
82.00	Thence
84.00	S.89°44'W., on true line bet. secs. 8 and 17.
84.00	Over mountainous land, through medium dense timber and undergrowth. Descend 190 ft. over W. slope.
2.70	Bottom of canyon, course S. Ascend 1140 ft. over E. slope to top of ridge.
31.00	Rim of mesa, bears N. and S.
34.90	Top of ridge, bears N. and S. Descend 50 ft. to $\frac{1}{4}$ sec. cor.
37.50	Rim of mesa, bears N. and S.
39.81	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 8 — $\frac{1}{4}$ — S 17 1932
	from which
	A pinon, 12 ins. diam., bears N.65°15'E., 135 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
	A pinon, 10 ins. diam., bears S.79°00'E., 114 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.
	Continue descent of 430 ft. over W. slope.

70

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 22 E.

Chains	
51.90	Bottom of draw, course S.. Ascend 520 ft. over E. slope to top of ridge.
66.80	Rim of mesa, bears NE. and SW.
69.70	Top of ridge, bears N. and S. Descend 310 ft. over SW. slope to sec. cor.
71.60	Rim of mesa, bears NW. and SE.. Commence abrupt descent.
79.62	The cor. of secs. 7, 8, 17 and 18. Land, mountainous; general drainage S. Soil, loose sandy loam; 2nd rate. Timber, juniper, pinon and fir. Undergrowth, sage, buck, oak and service berry brush. Fair grazing.
	N.89°53'W., on random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.48	Intersect the W. bdy. of the township, 3 lks. S. of the corner of secs. 7, 12, 13 and 18, heretofore described. Thence
	S.89°52'E., on true line bet. secs. 7 and 18. Over mountainous land through medium dense timber and undergrowth. Descend 90 ft. over E. slope.
20.00	Bottom of draw, course S. Ascend W. slope 70 ft.
28.70	Top of ridge, bears N. and S. Descend 30 ft. over E. slope.
36.50	Head of draw, course S.. Ascend 10 ft.
38.48	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ —————
 S 7
 S 18
 1932

from which

A pinon, 6 ins. diam., bears S.54°30'W., 21 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

A pinon, 11 ins. diam., bears N.61°00'W., 40 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

Continue ascent of 10 ft. over W. slope.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains

- 39.40 Top of spur, slopes S. Descend 220 ft. over E. slope.
 56.00 Bottom of draw, course S. Ascend 70 ft. over W. slope.
 59.80 Top of spur, slopes S. Descend 430 ft. over NE. slope.
 66.50 Rim of mesa, bears N. and S. Continue descent.
 72.20 Bottom of draw, course SE. Ascend 210 ft. over SW. slope.
 78.48 The cor. of secs. 7, 8, 17. and 18.
 Land, mountainous; general drainage S.
 Soil, loose sandy loam; 2nd rate.
 Timber, juniper, pinon and fir.
 Fair grazing.
 Undergrowth, sage, buck, service berry and oak brush.

N.0°16'W., bet. secs. 7 and 8.

Over mountainous land through medium dense timber and undergrowth. Ascend 370 ft. over SW. slope.

- 19.00 Rim of mesa bears NW. and SE. Continue ascent.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the sec. cor., with brass cap mkd.

$\frac{1}{4}$

S 7 | S 8 .

1932

from which

A pinon, 4 ins. diam., bears S.17°00'E., 20 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.

A pinon, 8 ins. diam., bears S.46°00'W., 24 lks. dist., mkd. $\frac{1}{4}$ S.7 B T.

Continue ascent of 130 ft. over SW. slope.

- 60.90 Top of ridge, bears NE. and SW.. Descend 110 ft. over NW. slope.

77.10 Bottom of draw, course SW. Ascend 30 ft. over SE. slope.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground to solid rock and surrounded by mound of stone, to the top, for the cor. of secs. 5, 6, 7 and 8, with brass cap mkd.

SURVEY OF THE SUBDIVISION OF T.15 S. 4 MILES E.

cont'd

Chains

T15S R18E	
S 6	S 5
S 7 S 8	
1932	

04.65

04.66

from which

A juniper, 3 ins. diam., bears N. $10^{\circ}00' E.$, 51 lks. dist.

mkd. B T.

A pinon, 8 ins. diam., bears S. $16^{\circ}00' E.$, 158 lks. dist.,
mkd. T 15 S R 18 E S 8 B T.

A pinon, 10 ins. diam., bears S. $76^{\circ}00' W.$, 150 lks. dist.,
mkd. T 15 S R 18 E S 7 B T.

A pinon, 10 ins. diam., bears N. $11^{\circ}00' W.$, 172 lks. dist.,
mkd. T 15 S R 18 E S 6 B T.

Land, mountainous; general drainage S.

Soil, loose sandy loam; 2nd rate.

Timber, juniper and pinon.

Undergrowth, sage, buck, oak and service berry brush.

Fair grazing.

N. $89^{\circ}44' E.$, on random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect N. and S. line 12 lks. S. of the cor. of secs.
4, 5, 8 and 9.

Thence

S. $89^{\circ}39' W.$, on true line bet. secs. 5 and 8.

Over mountainous land through scattering timber and
medium dense undergrowth. Ascend 90 ft. to top of spur.

3.40 Rim of mesa, bears N. and S.

5.40 Top of spur, slopes S. Descend 150 ft. over SW. slope.

9.70 Rim of mesa, bears NW. and SE. Continue descent.

20.20 Bottom of draw. course SE. Ascend 360 ft. over E. slope
to top of spur.

31.50 Rim of mesa, bears N. and S.

31.90 Top of spur, slopes S. Descend 30 ft.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in
the ground to solid rock and surrounded by mound of stone
to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Chains

S 5

$\frac{1}{4}$ —

S 8

1932

from which

A juniper, 14 ins. diam., bears S. 48° 00' E., 60 lks.
dist., mkd. $\frac{1}{4}$ S 8 B T.

A juniper, 8 ins. diam., bears N. 9° 00' W., 37 lks. dist.,
mkd. $\frac{1}{4}$ S 5 B T.

Continue descent of 20 ft. over W. slope.

45.60 Bottom of draw, course S. Ascend 180 ft. over SE. slope.

71.70 Top of ridge, bears NE. and SW. Descend 110 ft. over
SW. slope.

79.90 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous; general drainage SW.

Soil, loose sandy loam; 2nd rate.

Timber, juniper and pinon.

Undergrowth, sage, buck, oak and service berry brush.

Fair grazing.

N. 89° 52' W., on random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.16 Intersect the W. bdy. of the township, 3 lks. S. of the
cor. of secs. 1, 6, 7 and 12, heretofore described.

Thence

S. 89° 51' E., on true line bet. secs. 6 and 7.

Over mountainous land through scattering timber and
medium dense undergrowth. Ascend 20 ft. over SW. slope.

6.80 Top of spur, slopes S. Descend 200 ft. over E. slope.

20.70 Trail, bears N. and S.

22.70 Bottom of draw, course S. Ascend 90 ft. over W. slope.

27.50 Top of spur, slopes S. Descend 100 ft. over E. slope.

38.16 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in
the ground to solid rock and surrounded by mound of stone
to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 6

$\frac{1}{4}$ —

S 7

1932

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 15 E.

Chains	from which
	A juniper, 10 ins. diam., bears S.37°00'W., 16 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
	A pinon, 4 ins. diam., bears N.47°00'E., 62 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.
	From this $\frac{1}{4}$ sec. cor., a spring in bottom of draw, bears N.37°30'E., 9.32 chs. dist.
41.80	Bottom of draw, course S. Ascend 200 ft. over W. slope.
42.40	Trail, bears N. and S.
52.00	Top of spur, slopes S. Descend E. slope 100 ft.
63.00	Bottom of draw, course S. Ascend 240 ft. over SW. slope.
72.80	Top of spur, slopes SW.
78.16	The cor. of secs. 5, 6, 7, and 8. Land, mountainous; general drainage SW. Soil, loose sandy loam; 2nd rate. Timber, juniper and pinon. Undergrowth, sage, buck, service berry and oak brush. Fair grazing.
	N.0°21'W., on random line bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.49	Intersect the cor. of secs. 5, 6, 31 and 32, on the N. bdy., heretofore described. Thence
	S.0°21'E., on true line bet. secs. 5 and 6. Over mountainous land through scattering timber and medium dense undergrowth. Descend 220 ft. over broken SW. slope to bottom of draw.
13.30	Top of spur, slopes SW.
21.50	Head of draw, course W.
22.90	Top of spur, slopes SW.
31.90	Bottom of draw, course W. Ascend 70 ft. over N. slope.
36.00	Top of spur, slopes SW. Descend 30 ft.
40.49	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

SURVEY OF THE SUBDIVISION OF T. 15 S., R. 18 E.

Observe	With sextant, observed at 1/4 mile distance, time 10:30 A.M.
	S 6 S 5
Date, Survey, and Subdivision	Sept. 25, 1932, T. 15 S., R. 18 E.
Distance	To timber, 1/4 mile, from which
Object	A pinon, 14 ins. diam., bears S. $15^{\circ}00'$ W., 218 lks.
Dist.	dist., mkd. $\frac{1}{4}$ S 6 B T.
Object	A juniper, 16 ins. diam., bears S. $23^{\circ}00'$ E., 150 lks.
Dist.	dist., mkd. $\frac{1}{4}$ S 5 B T.
Land	Continue descent of 100 ft. over SW. slope.
54.70	Bottom of draw, course W. Ascend 140 ft. over NW. slope.
73.40	Top of spur, slopes SW. Descend 30 ft. over S. slope.
80.49	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous; general drainage SW.
	Soil, loose sandy loam; 2nd rate.
	Timber, juniper and pinon.
	Undergrowth, sage, buck, oak and service berry brush.
	Fair grazing.

. FINAL TEST OF SOLAR ATTACHMENT.
stand.

Sept. 25, 1932: At the/cor. of T. 15 S., R's. 18 and 19 E., at 9 a.m. l.m.t.; I set off $39^{\circ}28'N.$ on the lat. arc and $0^{\circ}58'30''S.$ on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation. At 3 p.m. l.m.t., I set off $39^{\circ}28'N.$ on the lat. arc; $1^{\circ}01' S.$ on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

GENERAL DESCRIPTION

The land embraced in this township is very rough broken mountains with deep canyons and flat top ridges. with the drainage into Chandler Canyon. The approximate elevation above sea level is 5,000 ft. in the bottom of Chandler Canyon and 7500 ft. on top of the ridges.

GENERAL DESCRIPTION

The soil consists of loose sandy loam with ~~sandstone~~ surface rock; 2nd rate.

The entire township is covered with sage, buck, oak and service berry brush and a sparse growth of bunch grass, which affords fair grazing where it is accessible to livestock. The timber consists of juniper, pinon and fir, with a dense growth on the north slopes of the ridges, and medium dense to scattering on the balance of the township. The timber has no commercial value except for fence posts and fire wood.

The land embraced in this township is used for summer grazing of livestock. I estimate that 200 head of cattle and 400 head of sheep can be grazed on this township during the summer months. Approximately 25 percent of the land is inaccessible for grazing on account of ledges and precipitous slopes. The portion of secs. 25, 26, 35 and 36, known as Chandler Point is now occupied and used by a group of Ute Indians. Chandler Pasture which lies in a portion of secs. 11, 12, 13, 14, 15, 21, 22, 23, 24, 27, and 28 comprising approximately 2700 acres is used for summer grazing of cattle by Hank Stewart, Jed Wardle and Austin Wardle. The balance of the township is used by other local stockmen during the spring, summer and fall months. There is no land suitable for farming in the township.

The nearest Post Office is Ouray, Utah approximately 50 miles to the northeast.

There was no surface indication of oil, coal or other minerals.

Jed Wardle is the only white settler in the township. He is located in sec. 14, and has log cabin 10 x 12 ft. several corrals and about 3 miles of barbed wire fence.

Water location: Springs.

$SW\frac{1}{4}$ of $NW\frac{1}{4}$ sec. 7; $SW\frac{1}{4}$ of $SE\frac{1}{4}$ of sec. 6; $SW\frac{1}{4}$ of $NE\frac{1}{4}$ sec. 14; $SE\frac{1}{4}$ of $NE\frac{1}{4}$ of sec. 28. These springs have been known to almost entirely cease flowing during an extremely dry

GENERAL DESCRIPTION.

season.

Water is found on an average year any place in the bottom of Chandler Canyon, which enters the township on the east boundary of sec. 25 and flows westerly leaving the township on the west boundary of sec. 19. There is also water in Moon Water Canyon in the south half of sec. 33.

The magnetic declination was not taken on account of defective needle.

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BOOK A-512

4-680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Wilson McConkie	Chairman
Andrew McConkie	Chairman
Archie Jeffs	Cornerman and Flagman
Robert Bywater	Flagman
Devon Crosby	Flagmen
Eugene Alger	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR

I, Chas. F. Moore, U.S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah, bearing date of the 10th day of April, 1929, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of West and North Boundaries, and the Subdivision; resurvey the East Boundary of T. 15 S., R. 18 E.

of the Salt Lake

Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Jan. 21, 1933
Salt Lake City, Utah

Chas. F. Moore

U.S. Surveyor.

APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colo. Dec. 13, 1938, 19

The foregoing field notes of the survey of West and North Boundaries and the Subdivision; resurvey of the East Boundary of T. 15 S., R. 18 E.

executed by Chas. F. Moore

under his special instructions dated April 10th, 1929, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


W. H. Johnson
U.S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys is
has been correctly copied from the original notes on file in this office.

U.S. Supervisor of Surveys

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BOOK A-512

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RECEIVED

APR - 1 1932

Department Of The Interior
Public Survey Office
Salt Lake City, Utah**FIELD NOTES**

OF THE SURVEY OF THE

WEST AND SOUTH BOUNDARIES AND SUBDIVISION OF

T. 16 S., R. 18 E.

DEPENDENT RESURVEY OF THE

EAST BOUNDARY OF T. 16 S., R. 18 E.

and

TWO MILES OF THE THIRD STAND. PAR. SOUTH R. 18 E.

INDEPENDENT RESURVEY OF

FOUR MILES OF THE THIRD STAND. PAR. SOUTH R. 18 E.

SURVEY OF

ONE MILE OF THE THIRD STAND. PAR. SOUTH R. 17 E.

Of the Salt Lake Base and Meridian,

in the State of Utah

EXECUTED BY

Chas. F. Moore

the capacity of U.S. Surveyor, under Special Instructions dated April 10th, 1929, issued by the District Cadastral Engineer to govern surveys included in Group 218, which were approved by the Commissioner of the General Land Office, May 14th, 1929, and Assignment Instructions dated May 1st, 1930

Survey commenced July 20th, 1930

Survey completed October 5th, 1930

512

INDEX DIAGRAM.

Township 16 SOUTH, Range 18 EAST

		36	31	32	33	34		35
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21	36	32 ⁸	84 ³³	70 ³⁴	54 ³³	43 ³⁶		4
		31	30	28	26	25		

T. 16 S., R. 18 E.

Survey commenced July 20, 1930, and was executed with Buff and Buff light mountain transit, No. 9983; the instrument is equipped with full vertical circle and the Smith solar attachment; unless otherwise specified all azimuth determinations are accomplished with the solar attachment. The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer on May 1st, 1930. I examined all the instrumental adjustments before making the field tests hereinafter recorded.

The measurements were made with Lallie steel tape, 8 chs. in length, graduated every link for the first 100 lks. and the balance at intervals of 10 lks. The tape was tested by comparison with Lufkin standard 1 ch. tape, and found correct. The measurement was made on the slope, and the vertical angle of each interval was ascertained by clinometer in good condition; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position for the SE. cor. of the Tp., as follows: Latitude $39^{\circ}23'N.$, and longitude $109^{\circ}54'30''W.$

July 20th, 1930, in camp near the SE. corner of the township, at 11h 47m/^{p.m.} 1.m.t. I observe Polaris at eastern elongation, making two sights each with the telescope in direct and reversed positions, and place a tack at the mean point, on a peg driven firmly in the ground 10 chs. N. July 21, 1930, at 6h 00m. a.m. I lay off the azimuth of Polaris, $1^{\circ}23'$, and make a meridian mark on a second peg to the west of the mean point in the line determined by the observation.

In order to verify the latitude of this station, at apparent noon, I make a meridian observation of the sun, first setting on the lower limb and noting the transit of the west

Chains limb, then after reversal of the instrument setting on the upper limb and noting the transit of the east limb as follows:

Mean observed altitude----- $73^{\circ}19'30''$
Reduced latitude----- $39^{\circ}23'8''$

Every 30 min. from 7 to 10:30 a.m. and from 1:30 to 5 p.m., I make the proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1'30''$.

I repeat the tests/daily by noon observations and verify the meridional indications at frequent intervals throughout the survey.

DEPENDENT RESURVEY OF THE E. BDY. OF T.16 S., R. 18 E.
"Dependent resurvey of the E. bdy., of T. 16 S., R. 18 E., reestablishing the survey executed by A.J. Stewart Jr. U.S. Deputy Surveyor, in 1901."

Random Lines.

From the cor. of secs. 25, 30, 31 and 36, T. 16 S., Rs. 18 and 19 E., hereinafter described.

North on random line bet. secs. 25 and 30.

40.10 Fall 1 lk. west of the $\frac{1}{4}$ sec.cor., for secs. 25 and 30, hereinafter described.

The true bearing of this $\frac{1}{2}$ mile therefore is N. $0^{\circ}01'E.$, and the distance is 40.10 chs.

Thence

From the $\frac{1}{4}$ sec. cor. North with continuous measurement.

80.27 Fall 2 lks. E. of the cor. of secs. 19, 24, 25 and 30, hereinafter described.

The true bearing of this half mile therefore is N. $0^{\circ}02'W.$, and the distance is 40.17 chs.

From the cor.of secs 19, 24, 25 and 30.

North on random line bet. secs. 19 and 24.

40.05 Fall 9 lks. E. of the $\frac{1}{4}$ sec. cor. for secs. 19 and 24,

DEPENDENT RESURVEY OF THE E. BDY OF T. 16 S., R. 18 E.

Chains	hereinafter described. The true bearing of this half mile therefore is N.0°08' W., and the distance is 40.05 chs. Thence From the $\frac{1}{4}$ sec. cor., North, with continuous measurement.
79.98	Fall 5 lks. W. of the cor. of secs. 18, 18, 19 and 24, hereinafter described. The true bearing of this half mile therefore is N.0°04'E., 39.93 chs. distance.
40.14	From the cor. of secs. 13, 18, 19 and 24. North on random line bet. secs. 13 and 18. Fall 5 lks. W. of the $\frac{1}{4}$ sec. cor., for secs. 13 and 18, hereinafter described. The true bearing of this half mile therefore is N.0°04' E., 40.14 chs. distance.
80.63	From the $\frac{1}{4}$ sec. cor., North, with continuous measurement. Fall 6 lks. W. of the cor. of secs. 7, 12, 13 and 18, hereinafter described. The true bearing of this half mile therefore is N.0°05' E., 40.49 chs. distance.
40.18	From the cor. of secs. 7, 12, 13 and 18. North on random line bet. sec. 7 and 12. Fall 11 lks. E. of the $\frac{1}{4}$ sec. cor., for secs. 7 and 12, hereinafter described. Therefore the true bearing of this half mile is N.0°09' W., 40.18 chs. distance.
80.21	Thence From the $\frac{1}{4}$ sec. cor., North, with continuous measurement. Fall 77 lks. W. of the cor. of secs. 1, 6, 7 and 12, hereinafter described. Therefore the true bearing of this half mile is N.1°06' E., 40.04 chs. distance.

DEFINITIVE RESURVEY OF THE E. BDY. OF T. 16 S., R. 18 E.

Chains	From the cor. of secs. 1, 16, 7 and 12.
40.11	North on random line bet. secs. 1 and 6.
127.86	Fall 35 lks. W. of the sec. cor., herein after described. Therefore the true bearing of this half mile is N.0°30' E., 40.11 chs. distance. From the $\frac{1}{4}$ sec. cor., North with continuous measurement. Fall 79 lks. W. of the closing cor. for T. 16 S., Rs. 18 and 19 E., hereinafter described. Therefore the true bearing of this half mile is N.0°31' E., 87.75 chs. distance.

True lines

From the cor. of secs. 25, 30, 31 and 36, T. 16 S., Rs. 18 and 19 E., which is a sandstone 20 x 10 x 4 ins. firmly set in the ground, properly mkd. and witnessed as described in the official record.

At the exact corner point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the orig. cor. deposited along side, for the cor. of secs. 30 and 31, T. 16 S., R. 19 E., with brass cap mkd.

T16S
S 30
S 31
R19E

1930

and raise mound

of stone 3 ft. base, 2 ft. high; E. of the cor.

N.0°01'E., on true line along W. bdy of sec. 30.

Over mountainous land through scattering undergrowth.

1.00 Top of ridge, divide between Florence and Chandler canyons, bears E. and W. Descend 150 ft. over NE. slope to the $\frac{1}{4}$ sec. cor.

2.10 Trail, bears E. and W.

5.00 Enter dense aspen timber, bearing E. and W.

9.50 Leave aspen timber and enter dense undergrowth, bearing E. and W.

DEPENDENT RESURVEY OF THE E. END OF T. 16 S., R. 18 E.

Chains
w/1.5%
vdi.5%

Point for the closing cor. of secs., 1 and 36, Tps. 16 and 17 S., R. 18 E., hereinafter described.

19.20

Fence, 4 wires, bears E. and W.

40.10

Intersect the $\frac{1}{4}$ sec. cor., for secs. 30 and 31, which is a sandstone, 12 x 12 x 2 ins. firmly set in the ground, properly mkd. and witnessed as described in the official record.

At the exact corner point

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the orig. cor. deposited alongside, for the $\frac{1}{4}$ sec. cor., for sec. 30 only, with brass cap mkd.

$\frac{1}{4}$
S 30

1930

Thence

N.0°02'W., on true line with continuous measurement.

46.40 Top of spur, projects N.10°E. Descend 135 ft. over NW. slope to bottom of draw.

51.67 40.00 chs. northing from the point for the closing cor. of Tps. 16 and 17 S., R. 18 E.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone, 9 x 6 x 2 ins. marked X, deposited at the base, for the $\frac{1}{4}$ sec. cor., for sec. 36 only, with brass cap mkd.

$\frac{1}{4}$
S 36

1930

65.60 Bottom of draw, course NE. Descend along general NE. slope 10. ft.

80.27 Intersect the cor. of secs. 19, 24, 25 and 30, which is a sandstone 26 x 16 x 4 ins. firmly set in the ground, properly mkd. and witnessed as described in the official record.

At the exact corner point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in

DEPENDENT RESURVEY OF THE E. BDY. OF T. 16 S., R. 18 E.

Chains
the ground, with the orig. cor. deposited alongside, for the cor. of secs. 19 and 30, T. 16 S., R. 18 E., with brass cap mkd.

T16S.
S 19

S 30
R18E

1930

Land, mountainous; general drainage and exposure N.
Soil, black sandy loam mixed with sandstone; 2nd rate.
Timber, aspen.
Undergrowth, oak, service berry and sagebrush.
Good grazing.

N.0°08'W., on true line along the W. bdy of sec. 19.
Over mountainous land, through dense undergrowth.
Descend 145 ft. over NE. slope.

11.40 80.00 chs. northing from the closing cor. for Tps. 16
and 17 S., R. 18 E.
Set an iron post, 3 ft. long, 2 in. diam., 30 ins. in
the ground, for the cor. of secs. 25 and 36, with
brass cap mkd.

T16S
S25

S36
R18E

1930

and raise

mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
12.90 Bottom of draw, course NW. Ascend 90 ft. over SW. slope
to top of spur.

13.30 Trail, bears SE. and NW.

31.60 Top of spur, projects W. Descend 30 ft. over NE. slope.

40.05 Intersect the orig. $\frac{1}{4}$ sec. cor. for secs. 19 and 24,
which is a sandstone 16 x 12 x 4 ins. firmly set in the
ground, properly mkd. and witnessed as described in the
official record.

At the exact corner point

Set an iron post, 3 ft. long, 1 $\frac{1}{2}$ in. diam., 30 ins. in

DEPENDENT RESURVEY OF THE E. BLY. OF T. 16 S., R.18 E.

Chains

the ground, with the orig. cor. deposited along side, for the $\frac{1}{4}$ sec. cor., for sec. 19 only, with brass cap mkd.

$\frac{1}{4}$
S 19

1930

Thence

N;0°04'E., on true line with continuous measurement.

Descend 250 ft. over NW. slope to bottom of draw.

51.40

120.00 chs. northing from the closing cor. of Tps.16 and 17 S., R. 18 E.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., for sec. 25 only, with brass cap mkd.

$\frac{1}{4}$
S 25

1930

from which

An aspen, 3 ins. diam., bears S.11°30'W., 33 lks. dist., mkd. B T.

59.42

Bottom of draw. course NE.

61.00

Top of small spur, projects W.

67.40

Bottom of draw, course N.15°E. Ascend 90 ft. over E. slope to sec. cor.

69.90

Trail, bears N.15°E., and S.10°W.

79.98

Intersect the cor. of secs. 13, 18, 19 and 24, which is a sandstone, 24x 9 x 6 ins. firmly set in the ground, properly mkd. and witnessed as described in the official record.

At the exact corner point

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, with the orig. cor. deposited alongside, and surrounded by mound of stone to the top, for the cor. of secs. 18 and 19, T. 16 S., R. 19 E., with brass cap mkd.

DEPENDENT RESURVEY OF THE E. BDY. OF T. 16 S., R. 18 E.

Chains	T16S S18 <hr/> S19 R19E 1930
	Land, mountainous; general drainage and exposure N. Soil, black sandy loam mixed with sandstone; 2nd. rate. Timber, scattering aspen groves. Undergrowth, oak, service berry and sagebrush. Grazing good.
	N. 0°04'E., on true line, along the W. bdy of sec. 18. Over mountainous land, through dense undergrowth. Ascend 10 ft. along steep E. slope.
4.80	Top of spur, projects E. Descend 130 ft. along broken steep E. slope.
11.42	160.00 chs. northing from the closing cor. of Tps. 16 and 17 S., R. 18 E. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 24 and 25, with brass cap mkd.
	T16S S24 <hr/> S25 R18E 1930
	and raise mound of stone 3 ft. base, 2 ft. high W. of the cor.
30.00	Bottom of draw, course NE.
33.40	Top of spur, projects E.
35.00	Trail, bears E. and W.
35.50	Small draw, course NE.
40.14	Intersect the orig. $\frac{1}{4}$ sec. cor., for secs. 13 and 18, which is a sandstone, 15 x 8 x 4 ins. firmly set in the ground, properly mkd. and witnessed as described in the official record.
	At the exact corner point Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, with the orig. cor. deposited alongside, and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., for sec. 18 only, with brass cap mkd.

N. M. H. DEPENDENT RESURVEY OF THE E. BDY. OF T. 16 S., R. 18 E.

Chains	$\frac{1}{4}$	rod 800
egals	S 18	1930
ef.		
	Thence	
	N. 0°05' E., on true line with continuous measurement.	
51.42	200.00 chs. northing from the closing cor. of Tps 16 and 17 S., R. 18 E.	
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., for sec. 24 only, with brass cap mkd.	
	$\frac{1}{4}$	
	S 24	
	1930	
	and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor.	
60.20	Bottom of Moonwater Canyon, stream of clear water, 2 lks. wide, course NW. 145 ft. below the $\frac{1}{4}$ sec. cor. for sec. 18.	
	Ascend 110 ft. over W. slope, to top of spur.	
60.60	Trail, bears NW. and SE.	
68.00	Top of spur, projects W. Descend 30 ft. over steep N. slope.	
80.63	Intersect the cor. of secs. 7, 12, 13 and 18, which is a sandstone 12 x 8 x 2 ins. firmly set, properly mkd. and witnessed as described in the official record. This corner now refers to secs. 7 and 18, T. 16 S., R. 19 E., only. I raise mound of stone 3 ft. base, 2 ft. high E. of the corner. Land, mountainous; general drainage and exposure N. Soil, black sandy loam mixed with sandstone; 2nd rate. Timber, scattering aspen. Undergrowth, oak, service berry and sagebrush. Good grazing.	
	N. 0°09' W., on true line along the W. bdy. of sec. 7. Over mountainous land through dense undergrowth. Descend 15 ft. over N. slope.	
51.42	For article to eat worn against the side of the rock.	38.10

DEPENDENT RESURVEY OF THE E. EDY. OF T. 16S., R. 18 E.

		anishan
Chains 2.20	Small draw, course SW. Ascend 65 ft. over SW. slope.	
5.50	Top of spur, projects SW. Descend 55 ft. over NW. slope	
10.79	240.00 chs. northing from the closing cor. of Tps. 16 and 17 S., R. 18 E.	D.G.A. 1930
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 13 and 24, with brass cap mkd.	
		T16S S13 — S24 R18E 1930
		from which
	An aspen, 3 ins. diam., bears S.80°00'W., 77 lks. dist., mkd. B T.	
	An aspen, 3 ins. diam., bears N.48°45'W., 59 lks. dist., mkd. B T.	
	This cor. stands on edge of trail bearing NE. and SW.	
12.10	Bottom of draw, course SW. Ascend 175 ft. over S. slope.	
25.80	Top of spur, projects SW. Thence over rolling mountain land.	
40.18	Intersect the orig. $\frac{1}{4}$ sec. cor., for secs. 7 and 12, which is a sandstone, 16 x 10 x 2 ins. firmly set, properly mkd. and witnessed as described in the official record.	
	At the exact corner point	
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the orig. cor. deposited along side for the $\frac{1}{4}$ sec. cor., for sec. 7 only, with brass cap mkd.	
		$\frac{1}{4}$ — S 7
		1930
		and raise mound of stone, 3 ft. base, 2 ft. high, E. of the cor.
	Thence	
	N.1°06'E., on true line, with continuous measurement.	
	Continue over rolling mountain land.	
45.70	Top of low spur, projects SW.	
50.79	280.00 chs. northing from the closing cor. for Tps. 16	

RE-REDIRECT SURVEY OF THE E. BDY. OF T. 16 S., R. 18 E.

Chains to bndry eqd. ft. Settled get sett date	<p>and 17 S., R. 18 E.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a sandstone 10 x 6 x 2 ins. mkd. X, deposited at the base, for the $\frac{1}{4}$ sec. cor., for sec. 13 only, with brass cap mkd.</p> <p style="text-align: right;">$\frac{1}{4}$</p> <p style="text-align: center;">S 13 </p> <p style="text-align: center;">1930</p> <p>Top of spur, projects W. Descend 25 ft. over N. slope.</p> <p>Intersect the cor. of secs. 1, 6, 7 and 12, which is a sandstone, 12 x 9 x 2 ins. firmly set, properly mkd. and witnessed as described in the official record.</p> <p>At the exact corner point</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the orig. cor. deposited alongside, for the cor. of secs. 6 and 7, T. 16 S., R. 19 E., with brass cap mkd.</p> <p style="text-align: center;">T16S S 6 — S 7 R19E 1930</p> <p>and raise</p> <p>mound of stone, 3 ft. base, 2 ft. high, E. of the cor. Land, mountainous; general drainage and exposure NW. Soil, black sandy loam mixed with sandstone; 2nd rate. Timber, a few scattering aspen.</p> <p>Undergrowth, oak and sagebrush.</p> <p>Good grazing.</p> <hr/> <p>N.0°50'E., on true line along the W. bdy of sec. 6. Over mountainous land, through dense undergrowth. Descend 120 ft. over gradual N. slope to bottom of draw.</p> <p>320.00 chs. northing from the closing cor. for Tps. 16 and 17 S., R. 18 E.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for the cor. of secs. 12 and 13, with brass cap mkd.</p>
10.58	

DEPENDENT RESURVEY OF THE E. BPK. OF T. 16 S., R. 18

Chains

T16S

S12

S13

E18E

1930

easter

and raise mound of
stone, 3 ft. base, 2 ft. high, W. of the cor.

34.73 Bottom of draw, course N.80°W. Ascend 45 ft. over S. slope

40.11 Intersect the $\frac{1}{4}$ sec. cor., for secs. 1 and 6, which is
a sandstone, 16 x 14 x 5 ins. firmly set, properly mkd.
and witnessed as described by the official record.

At the exact cor. point

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
the ground to solid rock, with the orig. cor. deposited
at the base, and surrounded by mound of stone to the top
for the $\frac{1}{4}$ sec. cor., for sec. 6 only, with brass cap mkd.

 $\frac{1}{4}$

S 6

1930

Thence

N.0°31' E., on true line, with continuous measurement.

44.50 Top of spur, projects SW. Descend 15 ft. to bottom of
draw.50.58 360.00 chs. northing from the closing cor. of Tps. 16
and 17 S., R. 18 E.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, with a sandstone, 8 x 6 x 2 ins. mkd. X,
deposited at the base, for the $\frac{1}{4}$ sec. cor., for sec. 12
only, with brass cap mkd.

 $\frac{1}{4}$

S 12

1930

58.10 Old wagon road, bears NW. and SE.

61.20 Bottom of draw, course SW. Ascend 85 ft.

64.80 Old road, bears SE. and NW.

65.70 Top of spur, projects SW. Descend 50 ft.

90.58 400.00 chs. northing, from the closing cor. of Tps. 16
and 17 S., R. 18 E.

204

DEPENDENT RESURVEY OF THE E. EDY. OF T. 16 S., R. 18 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with sandstone, 8 x 5 x 2 ins. mkd. X deposited at the base, for the cor. of secs. 1 and 12, with brass cap mkd.

T16S
S 1
—
S12
R18E
1930

Continue descent of 50 ft. over N. slope.

119.50

Bottom of draw, course W. Ascend 10 ft. over S. slope.

127.86

Intersect the closing cor. for T. 16 S., Rs. 18 and 19 E., which is a sandstone, 18 x 12 x 2 ins. firmly set properly mkd. and witnessed as described in the official record.

At the exact cor. point.

Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, with the orig. cor. deposited alongside, for the closing cor. of T. 16 S., R. 18 and 19 E., with brass cap mkd.

T15S R18E
S 35
—
S 1 | S 6
R18E | R19E
T16S
C C
1930

and raise

mound of stone, 4 ft. base, 3 ft. high, S. of the cor.

Land, mountainous; general drainage and exposure W.

Soil, black sandy loam and mixed with sandstone; 2nd. rate.

Timber, none.

Undergrowth, service berry and sagebrush.

Fair grazing.

DEPENDENT RESURVEY OF THE 3RD STAND. PAR. SOUTH, THRU P. 18 E.

"Reestablishment of the surveys executed by Scott P. and John R. Stewart, Deputy U.S. Surveyors in 1901."

Random lines

DEPENDENT RESURVEY OF THE 3RD STAND. COR. FOR SEC. 35, T. 15 S., R. 18 E.

		spaced
Chains		
	From the standard cor. for secs. 34 and 36, T. 15 S., R. 18 E., hereinafter described.	
	East on random line off S. bdy of secs. 35,	
13.52	Fall 4 lks. S. of the closing cor. for T. 16 S., Rs. 18 and 19 E., heretofore described.	
40.29	Fall 12 lks. S. of the stand. $\frac{1}{4}$ sec. cor. for sec. 35, hereinafter described.	
	The true bearing of this half mile therefore is N.89° 50'E., 40.29 chs. dist.	
	Thence from the $\frac{1}{4}$ sec. cor. East, on random line with continuous measurement.	
79.62	Fall 12 lks. S. of the stand. cor. of secs. 35 and 36, hereinafter described.	
	The true bearing of this half mile therefore is N.89° 50'E., 39.33 chs. dist.	
	From the stand. cor. of secs. 35 and 36.	
	East, on random line on S. bdy of sec. 36.	
13.98	Fall 4 lks. S. of the closing cor. for secs. 5 and 6, T. 16 S., R. 19 E., hereinafter described.	
39.42	Fall 12 lks. S. of the stand. $\frac{1}{4}$ sec. cor., for sec. 36, hereinafter described.	
	The true bearing of this half mile therefore is N.89° 50'E., 39.42 chs. dist.	
	Thence.	
	From the stand. $\frac{1}{4}$ sec. cor., East, on random line with continuous measurement.	
80.00	After diligent search no trace of the stand. cor. of T. 15 S., Rs. 18 and 19 E., could be found. Set temp. cor. point.	
	East with continuous measurement along the S. bdy. of sec. 31, T. 15 S., R. 19 E.	
119.42	Fall 16 lks. S. of the stand. $\frac{1}{4}$ sec. cor. for sec. 31, which is a grey sandstone, 12 x 10 x 3 ins. properly mkd., firmly set and witnessed as described in the official record.	

INDEPENDENT RESURVEY OF THE 3RD. STAND. PAR. SOUTH THRU R. 18 E.

Chains

At point 68 lks. W., and 8 lks. N. of the temp. cor.
point for the stand. cor. of T.15 S., Rs.18 and 19 E.,
to restore this cor. as follow:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground, for the stand. cor. of T.15 S., Rs.18 and 19
E., with brass cap mkd.

S.C
T15S
R18E R19E
S36 S31

1930

and raise mound
of stone, 4 ft. base, 3 ft. high, N. of the cor.

Therefore the true bearing and distance of the $E\frac{1}{2}$ mile
on S. bdy. of sec. 36, T. 15 S., R. 18 E., and the $W\frac{1}{2}$
mile on the S. bdy of sec. 31, T. 15 S., R. 19 E., is
S.89°53'W., 39.90 chs.

TRUE LINES

From the restored stand. cor. of T. 15 S., Rs. 18 and
19 E., heretofore described.

S.89°53'W., on true line on S. bdy. of sec. 36.

Over mountainous land through dense undergrowth.

- 0.20 Bottom of B.P.Canyon, stream of clear water, 2 lks.
wide, course N.
- 5.40 End of spur, projecting from SW.
- 9.60 Bottom of draw, course N.15°E. Trail in bottom of draw,
bears NE. and SW.
- Abrupt ascent of 1015 ft. over E. slope to top of
ridge.
- 10.80 Enter timber bears N. and S.
- 28.30 Leave timber, bears N. and S.
- 38.40 Top of ridge, bears N. and S.
- 39.90 Intersect the orig. stand. $\frac{1}{4}$ sec. cor., which is a
limestone, 20 x 18 x 2 ins. firmly set, properly mkd.
and witnessed as described in the official record.

At the exact corner point

DEPENDENT RESURVEY OF LANDS OWNED BY THE STATE OF CALIFORNIA

Chains	Set an iron post, 3 ft. long, 1 in. diameter 30 ins. in the ground, with the orig. 4 sec. cor. post deposited alongside, for the stand. cor. with brass cap mkd.
	S.C. iron post no 34 4 S 36 1930
	and raised mound of stone 3 ft. base, 2 ft. high, N. of the cor.
	Thence
	S.89°50'W., on true line, with continuous measurement.
	Descend 265 ft. over W. slope.
57.40	Bottom of draw. course NE. Ascend 255 ft. over E. slope, to top of spur.
65.34	Intersect the closing cor. of secs. 5 and 6, T. 16 S., R. 19 E., which is a sandstone, 16 x 10 x 2 ins. firmly set, properly mkd. and witnessed as described in the official record.
71.60	Top of spur, projects NE. Descend 85 ft. over W. slope.
79.32	Intersect the stand. cor. of secs. 35 and 36, which is a sandstone 18 x 10 x 2 ins. firmly set, properly mkd. and witnessed as described in the official record. This cor. now becomes an angle point, so I deface all orig. markings and mark A.P.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, with sandstone, 10 x 8 x 6 ins. mkd. X, deposited at the base, and surrounded by mound of stone to the top, for the stand. cor. of secs. 35 and 36, with brass cap mkd.

S C	
T15S	R18E
S35	S36

1930

08.01

Land, mountainous; general drainage and exposure N. Soil, black sandy loam mixed with sandstone; 2nd rate. Timber, juniper and pinon. Undergrowth, oak, service berry and sagebrush. Good grazing.

J. J. COOK, MARSHAL, FOXX, ED. J.A.

INDEPENDENT RESURVEY OF THE 3RD STAND. PAR. SOUTH THRU R.18 E.

Chains	S:89°50' W., on true line on S. bdy of sec. 35.
4.70	Over mountainous land, through dense undergrowth.
7.10	Descend 45 ft. over W. slope.
9.00	Bottom of draw, course NW. Ascend 35 ft. over E. slope.
21.30	End of spur, projects N. Descend 40 ft. over W.slope.
27.80	Bottom of draw, course N. Ascend 155 ft. over E. slope.
38.65	Top of spur, projects NE. Descend 50 ft. over W.slope.
39.60	Bottom of draw, course N.10°E. Ascend 145 ft. over E. slope.
40.00	Intersect the stand. $\frac{1}{4}$ sec. cor. for sec. 35, which is a sandstone 20 x 16 x 2 ins. firmly set, properly mkd. and witnessed as described in the official record. This cor. now becomes an angle point. Therefore I deface all orig. marking and mark A P.
49.90	Top of spur, projects NW. Descend 60 ft. over W. slope to head of draw.
52.60	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone 6 x 6 x 2 ins. mkd. X, deposited at the base, for the stand. $\frac{1}{4}$ sec. cor., with brass cap mkd.

S C
 $\frac{1}{4}$ S 35

1930

65.42	Top of spur, projects SW. Descend 95 ft. over E. slope.
78.94	Point for the closing cor. of T.16 S., Rs. 18 and 19 E., heretofore described.
84.90	Intersect the stand. cor. of secs. 34 and 35, which is a sandstone 18 x 12 x 4 ins. firmly set, properly mkd. and witnessed as described in the official record.
87.60	This corner now becomes a witness point and therefore I add the markings W P.

INDEPENDENT RESURVEY OF THE 3RD. STAND. PAR. S. THRU R.18 E.

"Independent resurvey superseding survey executed by John R. and Scott P. Stewart, U.S. Deputy Surveyors in 1901".

Theodore

INDEPENDENT RESURVEY OF THE 3RD STAND.PAR.S. THROUGH E.

		said
Chains	West on true line with continuous measurement:	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the stand, cor. of secs. 34 and 35, with brass cap mkd.	00.8
	S.C. 1930, same lot	01.7
	T15S R18E	
	<u>S34 S35</u>	00.8
	1930	
	and raise mound	
	of stone, 3 ft. base, 2 ft. high, N. of the cor.	00.8
	Land, mountainous; general drainage and exposure N.	
	Soil, black sandy loam and surface sandstone; 3rd. rate.	
	Timber, none.	
	Undergrowth, oak and sagebrush.	
	Fair grazing.	
	West on true line on S. bdy. of sec. 34.	
	Over mountainous land, through dense undergrowth.	
	Descend 160 ft. over gentle S. slope to bottom of draw.	
10.10	Small spring, in bottom of draw, 3 chs. S. Draw, course NE.	
29.00	Bottom of draw, course NW. Ascend 20 ft. over NE. slope.	
39.06	Fall 13 lks. N. of the orig. stand: $\frac{1}{4}$ sec. cor., which is a sandstone 18 x 16 x 2 ins. firmly set, properly mkd. and witnessed as described in the official record. I destroy all evidence of this corner.	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the stand, $\frac{1}{4}$ sec. cor., with brass cap mkd.	00.8
	$\frac{1}{4}$ S 34	
	1930	
	and raise mound	
	of stone, 3 ft. base, 2 ft. high, N. of the cor.	
	Descend 30 ft. along N. slope.	
45.00	Bottom of draw, course N. Ascend 80 ft.	
53.20	Top of spur, projects N. Descend 390 ft. to bottom of draw.	
56.60	Abrupt descent into deep draw. Dense fir and pinon.	
60.20	Top of small spur, projects NW.	

INDEPENDENT RE-SURVEY OF THE 3RD. PAH. SOUTH, THROUGH R. 18 E.

- Chains**
- 68.10 Bottom of draw, course NW. Stream of clear water, $\frac{1}{2}$ lk. wide; in bottom of draw.
- 78.94 No trace of the orig. stand. sec. cor.
- 79.45 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to solid rock, and surrounded by mound of stone to the top, for the witness stand. cor. of secs. 33 and 34, with brass cap mkd.

	SC
T15S	R18E
WC	S33 S34

1930

from which

- A fir, 12 ins. diam., bears N.44°00'E., 56 lks. dist., mkd WC T 15 S R 18 E S 34 S C B T
 - A fir, 12 ins. diam., bears N.17°30'W., 120 lks. dist., mkd WC T 15 S R 18 E S 33 S C B T
 - Spur, projects N.10°W.
- 80.00 True point for the stand. cor. of secs. 33 and 34, falls on steep shale slope, where it is impracticable to set cor.
- Land, rolling mountainous; general drainage and exposure W.
- Soil, black sandy loam with sandstone surface rock; 3rd rate.
- Timber, fir and pinon.
- Undergrowth, oak, service berry and sagebrush.

West, on true line, on S. bdy. of sec. 33.

Over very rough broken mountainous land, through heavy timber and dense undergrowth.

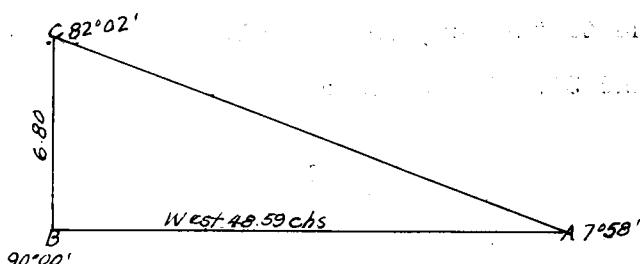
The line to the West, descends into and across Moonwater Canyon, over which chaining is impracticable. Therefore, to determine the distance, I triangulate as follows:

Erect flag A at the witness stand. sec. corner, which is 55 lks. E. of the true corner point. Set flag B on line on west slope of Moonwater Canyon; also set flag C north-westerly from flag A on the west side of Moonwater Canyon.

INDEPENDENT RE-SURVEY OF THE SED. STAND. SPAN. OF CEDAR RIVER
BETWEEN B. L.

Chains

The mean distance of the baseline BA is 6.80 chs. With no difference in the measurement by two sets of chainmen. The angles were determined by three repetitions with no error when balanced to 180° . The vertical angle from A to B is -10° .



Total distance by triangulation A to B - - - 48.59 chs.
Point A east of true cor. point - - - - - 0.55 chs.
Total distance on line to point A - - - - - 48.04 chs.

- 36.00 Approximate distance to bottom of Moonwater Canyon, with stream of clear water in bottom, 2 lks. wide, course N. approx. 1000 ft. below witness cor. Ascend precipitous E. slope.
- 38.94 No trace of the orig. stand. $\frac{1}{2}$ sec. cor.
- 40.00 Falls on inaccessible sandstone rims, where it is impracticable to set cor.
- 48.10 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the witness stand. $\frac{1}{2}$ sec. corner, with brass cap mkd.

S C
 $\frac{1}{2}$ S 33 WC
1930

from which

- A fir, 20 ins. diam., bears N.16°45'E., 78 lks. dist., mkd. WC $\frac{1}{2}$ S 33 SC BT
- A fir, 10 ins. diam., bears N.48°00'W., 34 lks. dist., mkd. WC $\frac{1}{2}$ S 33 SC BT
- 48.04 Point B of triangulation.
Ascend 895 ft. over E. slope to sec. cor.
- 78.94 No trace of the orig. stand. cor. could be found.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the stand. cor. of secs. 38 and 33. with brass cap mkd.

INDEPENDENT SURVEY OF THE 3RD. STAND. PAR. S. THRU R.18 E.

Chains

S	C
T15S	R18E
S32	S33

1930

from which

A pinon, 6 ins. diam., bears N.64°00'E., 128 lks.
dist., mkd. T 15 S R 18 E **S33 SC BT**

A pinon, 8 ins. diam., bears N.71°00'W., 20 lks.
dist., mkd. T 15 S R 18 E **S32 SC BT**

Land, rough mountainous; general drainage and exposure N.

Soil, black sandy loam and surface sandstone; 3rd rate.

Timber, juniper, pinon, aspen and fir.

Undergrowth, oak, service berry and sagebrush.

Good grazing.

West, on true line on the S. bdy. of sec. 32.

Over rough mountainous land, through heavy timber and dense undergrowth.

Ascend 215 ft. to top of spur, over steep E. slope.

4.10

Rim of mesa, bears NE. and SW. Continue ascent.

8.90

Top of spur, projects N. Descend 55 ft. over W. slope.

Leave heavy timber, and enter scattering timber,
bearing N. and S.

21.70

Bottom of draw, course NE. Ascend 60 ft. over E. slope.

32.20

Top of spur, projects NE. Descend 30 ft.

38.94

No trace of the orig. stand. $\frac{1}{4}$ sec. cor., could be found.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in
the ground to solid rock, and surrounded by mound
of stone to the top, with brass cap mkd.

S	C
$\frac{1}{4}$	<u>S 32</u>

1930

and raise mound

of stone, 3 ft. base, 2 ft. high, N. of the cor.

Continue descent of 70 ft. over W. slope.

44.60

Bottom of draw, course NE. Ascend 60 ft. over E. slope.

49.70

Top of spur, projects NE. Descend 190 ft. over W. slope.

INDEPENDENT RESURVEY OF THE 3RD STAND. PARCS. TERRIR. 18

Chains Bottom of draw, course NE. Ascend 75 ft. over E. slope.

60.80

70.50 Top of spur, projects NE. Descend 30 ft. over gradual NW. slope.

78.94 No trace of the orig. stand. sec. cor. could be found.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the stand. cor. of secs. 31 and 32, with brass cap mkd.

S	C
T15S	R18E
S31	S32

1930

and raise mound of stone, 3 ft. base, 2 ft. high, N. of the cor. Land, mountainous; general drainage and exposure N. Soil, sandy loam and surface sandstone; 3rd rate. Timber, scattering, juniper, pinon and aspen. Undergrowth, service berry, oak and sagebrush. Good grazing.

West on true line on the S. bdy. of sec. 31. Over mountainous land, through dense undergrowth. Descend 30 ft. over NW. slope to bottom of draw.

6.50 Trail, bears NE. and SW.

8.70 Bottom of draw, course NE. Ascend 175 ft. over E. slope.

23.80 Top of spur, projects NE. Descend 20 ft. over W. slope.

33.90 Bottom of draw, course NE. Ascend 45 ft.

38.94 No trace of the orig. stand. $\frac{1}{4}$ sec. cor.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock, and surrounded by mound of stone, to the top, for the stand. $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	S C S 31
---------------	-------------

1930

and raise mound of stone, 3 ft. base, 2 ft. high, N. of the cor. Ascend 115 ft. over E. slope.

INDEPENDENT RESURVEY OF THE 3RD. STAND. PAR. S. THRU R.18 E.

Chains	
56.80	Top of spur, projects NE. Descend 15 ft. over W. slope.
62.10	Bottom of draw, course NE. Ascend 45 ft.
68.10	Top of spur, projects NE. Descend 50 ft. over W. slope.
78.94	No trace of the orig. stand. cor. of T. 15 S., Rs. 17 and 18 E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the stand. cor. of T.15 S., Rs. 17 and 18 E., with brass cap mkd.

S C
T15S
R17E R18E
S36 S31

1930

and raise

mound of stone, 4 ft. base, 3 ft. high, N. of the cor. Land, mountainous; general drainage and exposure N. Soil, sandy loam and surface sandstone; 3rd rate. Timber, scattering aspen, juniper and pinon. Undergrowth, service berry, oak and sagebrush. Good grazing.

SURVEY OF THE 3RD. STAND. PAR. S. THRU R.17 E.

From the stand. cor. of T.15 S., Rs.17 and 18 E., heretofore described.

West, on true line along the S. bdy. of sec. 36.

Over mountainous land, through dense undergrowth.

2.80	Bottom of draw, course NE. Ascend 65 ft. over general N. slope to the $\frac{1}{4}$ sec. cor.
11.30	Top of spur, projects NE.
21.70	Bottom of draw, course NE.
30.90	Top of spur, projects NE.
36.50	Bottom of draw, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the stand. $\frac{1}{4}$ sec. cor., with brass cap mkd.

S C
$\frac{1}{4}$ S 36 ✓

1930

SURVEY OF THE SBD. PAR. S. THRU THE TERRITORIES

Chains

- of stone 3 ft. base, 2 ft. high, N. of the cor. of sec. 35 and 36 and to right ground
Descend 75 ft. over general N. slope to the witness stand. sec. cor.
- 41.50 Top of spur, projects NE.
- 47.60 Bottom of draw, course NE.
- 55.50 Top of spur, projects N.
- 65.10 Bottom of draw, course N.
- 69.70 Top of spur, projects N.
- 70.41 Rim of Mesa, bears N. and S.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the witness stand. cor. of secs. 35 and 36, with brass cap mkd.

S C
T15S | R17E
S35 | S36

1930

from which

A fir, 2 ins. diam., bears N.7°30'E., 88 lks.dist., mkd. B T.

A pinon, 6 ins. diam., bears N.43°00'W., 275 lks. dist., mkd. W.C T 15 S R 17 E S 36 S C B T.

The line to the west descends over precipitous W. slope over which chaining is impracticable.

80.00 Point for the stand cor. of secs. 35 and 36, falls on precipitous W. slope where it is impracticable to set. corner.

Land, mountainous; general drainage and exposure N. Soil, sandy loam with surface sandstone; 2nd. rate.

Timber, scattering, fir, aspen, juniper and pinon.

Undergrowth, oak, service berry and sagebrush.

Good grazing.

SURVEY OF THE SOUTH BOUNDARY OF T.16 S., R. 18 E.
From the cor. of Tps. 16 and 17 S., R.s. 17 and 18 E., hereinafter described.

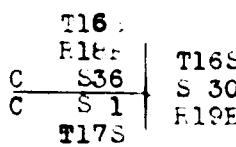
SURVEY OF THE S. BDY. OF T. 16 S., R. 18 E.

Chains

Bast on blank line on the S. bdy. of T. 16 S., R. 18 E., for alinement only; intersect the W. bdy. of sec. 30, T. 16 S., R. 19 E., N.0°01'E., 11.67 chs. from the cor. of secs. 30 and 31, heretofore described.

At point of intersection

Set an iron post, 3 ft. long 2 ins. diam., 30 ins. in the ground, for the closing cor. of Tps. 16 and 17 S., R. 18 E., with brass cap mkd.



1930

from which

An aspen 3 ins. diam., bears S.36°30'W., 3F lvs.
dist., mkd. B T.

An aspen 4 ins. diam., bears N.48°30'W., 74 lvs.
dist., mkd. T 16 S., E. 18 E. S 36 C C BT.

Thence

West, on true line bet. secs. 1 and 36.

Over mountainous land, through dense undergrowth and scattering timber.

Ascend 180 ft. over E. slope.

9.80 Top of ridge, divide bet. Florence and Chelan Canyons, bears N.75°W., and S.75°F.

Thence along S. slope of ridge.

16.40 Trail, bears N.75°W., and S.75°F.

24.20 Top of ridge, same as before mentioned, bears N.E. and SE. Gradual descent of 15 ft.

29.20 Small draw, course S. Ascend 40 ft.

35.10 Small spur, projects S. Descend 80 ft. to bottom of draw.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{2}$ sec. cor., with brass cap mkd.

	S 36
	S 1
	1930

and raise round

of stone, 3 ft. base, 2 ft. high, N. of the cor.

SURVEY OF THE SOUTH BOUNDARY OF T. 16 S., R. 18 E.

- 41.10 Small draw, course S. Ascend 40 ft. easier
 53.20 Top of spur, projects S.
 61.20 Head of draw, course S.
 70.60 Top of ridge, bears NE. and SW. Descend 150 ft. over
 W. slope. it's about to fall in
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
 the ground, for the cor. of secs. 1, 2, 35 and 36,
 with brass cap mkd.

T16S R18E

S35 | S36

— + —

S 2 | S 1

T17S.

1930

and raise mound

of stone 3 ft. base, 2 ft. high, W. of the cor.

Land, mountainous; general drainage and exposure S.

Soil, black sandy loam mixed with surface sandstone;
 2nd. rate.

Timber, scattering aspen.

Undergrowth, service berry, oak and sagebrush.

Good grazing.

West on true line bet. secs. 2 and 35.

Over mountainous land, through dense undergrowth.

- 21.90 Top of low spur, projects N.
 29.50 Edge of mountain top, bears N. and S. Enter timber,
 bears N. and S. Commence descent of 385 ft. over steep
 N. slope.
- Erect flag A for future triangulation.
- 40.00 On steep N. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 35

— + —

S 2

1930

from which

A fir, 8 ins. diam., bears S. 19°00' E., 57 lks.

dist., mkd. $\frac{1}{4}$ S 2 B T.

A fir, 5 ins. diam., bears N. 22°30' E., 32 lks.

dist., mkd. $\frac{1}{4}$ S 35 B T.

SI. 4 SURVEY OF THE SOUTH BOUNDARY OF T.16 S., R. 18 E.

Chains

The line to the west, descends over precipitous slope and vertical ledges over which chaining is impracticable.

To determine the distance I return to flag A set at 29.50 chs. and triangulate as follows:

Erect flag B on line to the W. and survey base line AG; South, 10.00 chs. dist., the mean of two set of chainmen

by first set 9.999 chs.

by 2nd set 10.001 chs.

The angle subtended at C is $81^{\circ}16'$; the angle subtended at B is $8^{\circ}44'$. All angles determined by three repetitions with the error balance to 180° . The bearings were determined by deflection. The vertical angle from A to B is $-22^{\circ}45'$.

$8^{\circ}44'$ B. West 65.10 chs.



Total distance on line to A ----- 29.50 chs.

Distance by triangulation A to B----- 65.10 chs

Total distance on line to B----- 94.60 chs

Distance by return measurement----- 5.34 chs

Total distance on line----- 89.26 chs

80.00 Point for the cor. of secs. 2, 3, 35 and 34, falls on inaccessible ledges where it is impracticable to set corner.

89.26 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the witness cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

T16S	R18E
S34	S35
WC	
S 3	S 2
T17S	

from which

A fir, 10 ins. diam., bears N. $71^{\circ}00'E.$, 50 lks. dist., mkd. WC T 16 S R 18 E S 34 B T.

A fir, 14 ins. diam., bears S. $46^{\circ}00'E.$, 25 lks. dist., mkd. WC T 17 S R 18 E S 3 B T.

Land, mountainous; general drainage and exposure N. Soil, sandy loam and surface sandstone; 3rd rate.

SURVEY OF THE SOUTH BOUNDARY OF T.16 S., R.16

Chains

S.M.L.D.

- Timber, fir.
- Undergrowth, oak, service berry and sagebrush.
- Pear grazing.

West on true line bet. secs. 3 and 34.

Over rough mountainous land, through dense undergrowth and medium growth of timber.

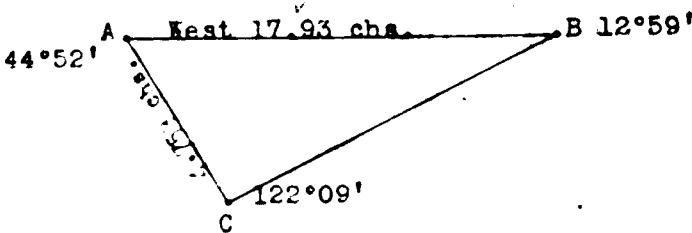
Counting distance from the true corner point.

9.26 The witness cor. of secs. 2,3,34 and 35.

14.60 Point B of triangulation bet. secs. 2 and 35.

The line to the west descends over precipitous NW. slope and crosses deep ravine, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A to the west on line, also set flag C southwesterly from B. The mean distance of the base line AC is 4.759 chs. with no difference in measurement by two set of chainman. The angles were determined by 3 repetitions with the error balance to 180° . The vertical angle from B to A is $-23^\circ 45'$.



Distance on line to point B--- 14.60 chs.
 Distance by triangulation B to A--- 17.93 chs.
 Total distance o'n line to A--- 32.53 chs.

27.50 Approx. distance to bottom of ravine, 800 ft. below point B of triangulation, course N.

32.53 Point A of triangulation. Top of spur, projects N.

The line to the west, passes along precipitous N.slope over which chaining is impracticable on true line.

Thence

North, 1.71 chs. distance

Thence

West, on offset line. Giving topography on offset line.

SURVEY OF THE SOUTH BOUNDARY OF T. 16 S., R. 18 E.

Chains
40.00

Unable to return to true line. The true point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges where it is impracticable to set cor.

Therefore on offset line

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 34

$\frac{1}{4}$ _____

S 3

WC

1930

from which

A fir, 10 ins. diam., bears N. 5°00' W., 18 lks.

dist., mkd. WC $\frac{1}{4}$ S. 34 B T.

The line to the west from the witness $\frac{1}{4}$ sec. cor., passes along precipitous N. slope over ledges and slide rock over which chaining is impracticable.

Therefore to determine the distance I offset as follows:

North, 3.74 chs. (making total offset north of true line, 5.45 chs.)

Thence

West on offset line, giving topography on offset line.

80.00

True point for the cor. of secs. 3, 4, 33 and 34, falls on inaccessible ledges. Unable to return to true line. Therefore at this point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the witness sec. cor., for secs. 3, 4, 33 and 34, with brass cap mkd.

T16S R18E

S33 S34

S 4 S 3

T17S

WC.

1930

from which

A fir, 12 ins. diam., bears N. 77°00' E., 20 lks.

dist., mkd. WC T 16 S R 18 E S 34 B T.

A fir, 14 ins. diam., bears N. 72°00' W., 43 lks.

dist., mkd. WC T 16 S R 18 E S 33 B T.

This witness cor. stands at foot of vertical ledge

200 ft. high facing N. Also 140 ft. below witness $\frac{1}{4}$ sec. cor.

SURVEY OF THE SOUTH BOUNDARY OF T. 16 S., R. 18 E.

Chains

enclad

- Land, rough mountainous; general drainage east exposure.
 Soil, sandy loam and shale rock, with much exposed
 sandstone; 3rd rate. . no signs of soft coal or
 Timber, fir. . will have to be explored
 Undengrowth, oak and service berry. will be free
 Poor grazing. . no grass, shrubs, or flowers exist

. 1930 obs

West, on true line bet. secs. 4 and 33.

Over rough mountainous land, through medium growth of
 timber and undergrowth.From the witness cor. of secs. 3, 4, 33 and 34, West,
 on offset line, North, 5.45 chs. from true line. The
 true line is inaccessible. Descend 300 ft. along N. slope

40.00 South, 5.45 chs. dist. to true line. 1/2 sec. cor.

On true line

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
 the ground, for the $\frac{1}{2}$ sec. cor., with brass cap mkd.

S 33

 $\frac{1}{4} \text{ } \underline{\text{ }} \text{ }$

S 4

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SURVEY OF THE SOUTH BOUNDARY OF T.16 S., R. 18 E.

Chains

A juniper, 3 ins. diam., bears S.29°30'W., 28 lks.
dist., mkd. B T.

A juniper, 3 ins. diam., bears N.62°00'W., 18 lks.
dist., mkd. B T.

Land, rough and broken mountains; general drainage
and exposure N.

Soil, sandy loam, with sandstone slide rock and ledges;
3rd rate.

Timber, juniper and fir.

Undergrowth, oak, service berry and sagebrush.

Poor grazing.

West, on true line bet. secs. 5 and 32.

Over mountainous land, through dense undergrowth and
scattering timber.

Descend 100 ft. over NW. slope.

6.00 Bottom of canyon, course SW. Ascend 50 ft.

8.00 Spur, projects S. Descend 25 ft.

13.50 Bottom of canyon, course NW.

24.80 Bottom of canyon, course SW. Ascend 50 ft. along S.
slope of ridge.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in
the ground to solid rock, and surrounded by mound of
stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap
mkd.

S 32

S 5

1930

from which

A juniper 8 ins. diam., bears S.66°00'W., 24 lks.
dist., mkd. $\frac{1}{4}$ S 5 B T.

Continue ascent of 200 ft. over S. slope.

47.90 Top of ridge, bears NE. and SW. Descend 400 ft.

55.00 Bottom of canyon, course SW. Ascend E. slope.

62.95 Intersect the cor. of Tps. 16 and 17 S., Rs. 17 and 18
E., which is an iron post, 3 ins. in diam., firmly
set, properly mkd. and witnessed as described in the
official record.

SURVEY OF THE SOUTH BOUNDARY OF T.16 S., R.18 E.

Chains

I now change the marking on this post to read as follows:

T16S	
R17E	R18E
S36	S32

S 1	S 5
T17S	
1930	

Land, mountainous; general drainage and exposure SW.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, juniper and pinon.

Undergrowth, oak and sagebrush.

Poor grazing.

SURVEY OF THE WEST BOUNDARY OF T.16 S., R. 18 E.

From the cor. of Tps. 16 and 17 S., Rs. 17 and 18 E., heretofore described.

North, on true line bet. secs. 32 and 36.

Over very rough and broken mountainous land, through scattering timber and undergrowth.

Ascend 210 ft. over SE. slope.

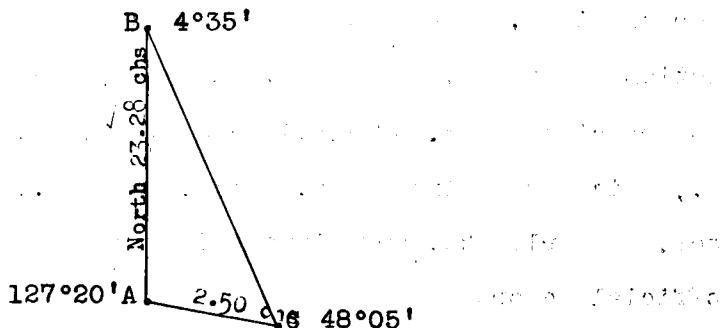
9.00

Top of spur, projects SE.

The line to the north ascends over impassable ledges and precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at this point and set flag B on line to the north. Also from A set flag C southeasterly at mean distance of 2.50 chs., with no difference in measurement by two set of chainmen. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180°.

The vertical angle from A to B is plus 17°



SURVEY OF THE WEST BOUNDARY OF T.16 S., R. 18 E.

Chains

Angle at point A is $127^{\circ}20'$
 Angle at point B is $4^{\circ}35'$
 Angle at point C is $48^{\circ}05'$

Distance on line to point A-----9.00 chs.
 Distance by triangulation A to B-----23.28 chs.
 Total distance on line to point B-----32.28 chs.

Point B of triangulation. Top of spur, projects SE.
 Set an iron post, 3 ft. long, 1 in. diam., over X cut
 in solid rock, and surrounded by mound of stone to the
 top, for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

WC
 $\frac{1}{4}$

S 36 | S 32

1930

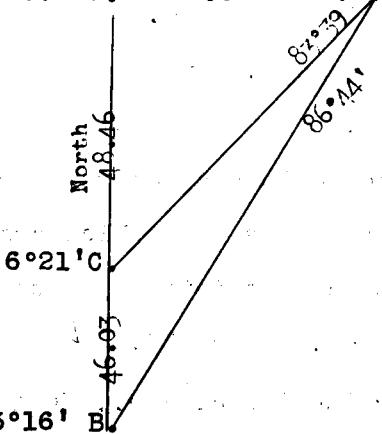
from which

A juniper 3 ins. diam., bears $N.77^{\circ}00'W.$, 38 lks.
 dist., mkd. B T.

The line to the north, ascends over vertical ledges
 and inaccessible slopes over which chaining is
 impracticable. Therefore to determine the distance
 I return to point B of triangulation and triangulate
 as follows:

Erect flag C and D on line to the north; also erect flag
 E northeasterly from B. The mean distance of the base
 line DE is 5.393 chs. with no difference in measurement,
 by two sets of chainmen. This was the longest practicable
 base line available. The angles were determined by
 three repetitions with the error balanced to 180° .
 The vertical angle from B to C is plus $17^{\circ}30'$; and
 from C to D is $19^{\circ}30'$.

$90^{\circ}00'$ D. 5.393 chs. E



. . . SURVEY OF THE WEST BOUNDARY OF T.16 S., R. 18 E.

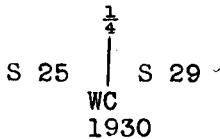
		anized
Chains	<p>Angle at point B is $3^{\circ}16'$ Angle at point C is $6^{\circ}21'$ Angle at point D is $90^{\circ}00'$ Angles at point E are $83^{\circ}39'$ and $86^{\circ}44'$ respectively</p> <p>Distance on line to point B is ----- 32.28 ch Distance by triangulation B to D ----- 94.49 ch Total distance on line to D ----- 126.77 ch Distance by triangulation D to C ----- 48.46 ch Total distance on line to C ----- 78.31 ch</p>	
40.00	Point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges where it is impracticable to set corner.	
78.31	Point C of triangulation. Thence by chaining.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the cor. of secs. 25, 29, 32 and 36 with brass cap mkd.	
	$\begin{array}{c} \text{T16S} \\ \text{R17E R18E} \\ \text{S25 S29} \\ \hline \text{S36 S32} \\ \text{1930} \end{array}$	
	from which	
	A pinon, 12 ins. diam., bears N. $49^{\circ}00'$ E., 146 lks. dist., mkd. T 16 S R 18 E S 29 B T.	
	A fir, 10 ins. diam., bears S. $84^{\circ}00'$ W., 110 lks. dist., mkd. T. 16 S R 17 E S 36 B T.	
	Land, very rough mountains; general drainage and exposure SE.	
	Soil, sandy loam and surface sandstone ledges and slide rock, 3rd rate.	
	Timber, juniper, pinon, and fir.	
	Undergrowth, oak and service berry.	
	No grazing.	
	North on true line bet. sec. 25 and 29.	
	Over mountainous land, through medium growth of timber and undergrowth.	
	The line to the north ascends over vertical ledges and precipitous slopes over which chaining is impracticable. The distance was determined by triangulation on line bet. secs. 32 and 36.	
40.00	True point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges where it is impracticable to set cor.	

SURVEY OF THE WEST BOUNDARY OF T.16 S., R. 18 E.

Chains

Distance by triangulation to point D----- 46.77 chs.
 Distance by return measurement - ----- 0.30 chs.
 46.47

46.47 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in
 the ground to solid rock, and surrounded by mound of
 stone to the top, for the witness $\frac{1}{4}$ sec. cor., with
 brass cap mkd.



from which

A fir, 8 ins. diam., bears N.33°00'E., 103 lks.

dist., mkd. WC $\frac{1}{4}$ S 29 B T.

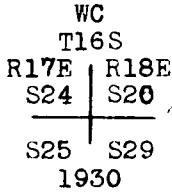
A pinon, 10 ins. diam., bears N.84°00'W., 55 lks.

dist., mkd. WC $\frac{1}{4}$ S 25 B T.

46.77 Point D of triangulation. Top of spur, projects SW.
 Descend 785 ft. over steep N. slope, to wit.sec. cor.

59.70 Top of spur, projects N.25°W. Continue descent.

71.51 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins.
 in the ground, for the witness sec. cor. of secs.
 20, 24, 25 and 29, with brass cap mkd.



from which

A fir, 5 ins. diam., bears N.50°30'E., 38 lks.

dist., mkd. WC T 16 S R 18 E S 29 B T.

A fir, 8 ins. diam., bears S.56°45'E., 28 lks.

dist., mkd. WC T 16 S R 18 E S 29 B T.

A fir, 10 ins. diam., bears S.7°30'W., 35 lks.

dist., mkd. WC T 16 S R 17 E S 25 B T.

A fir, 7 ins. diam., bears N.70°30'W., 26 lks.

dist., mkd. WC T 16 S R 17 E S 25 B T.

80.00 True point for the cor. of secs. 20, 24, 25 and 29,
 falls on precipitous slide rock slope, where it is
 impracticable to set cor.

Land, very rough mountains; general drainage and
 exposure N.

SURVEY OF THE WEST BOUNDARY OF THE S. 1/4 R. 18 E.

Chains	<p>Soil, sandy loam and sandstone ledges and shale rock; 3rd rate.</p> <p>Timber, juniper, pinon and fir. The best as described. Undergrowth, oak, service berry and sagebrush. Poor grazing.</p>
	<p>From the witness cor. of secs. 20, 24, 25 and 29, counting distance from the true corner point.</p> <p>North bet. secs. 20 and 24.</p> <p>Over very rough mountainous land, through medium growth of timber and undergrowth.</p> <p>The line to the north descends over precipitous slope and crosses deep canyon over which chaining is impracticable. To determine the distance I triangulate as follows:</p> <p>Designate the witness cor. of secs. 20, 24, 25 and 29, as point A; set flag B on line to the north, and erect flag C east from A the mean distance of 6.00 chs.</p> <p>by 1st set of chainmen 5,999 chs. by 2nd set of chainmen 6.001 chs.</p> <p>This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180°. The vertical angle from A to B is $-21^\circ 30'$.</p> <p>Angle at point A is $90^\circ 00'$ Angle at point B is $7^\circ 27'$ Angle at point C is $82^\circ 33'$</p> <p>Distance by triangulation A to B-----45.88 chs. Point A south of true corner point-----8.49 chs. Total distance on line to point B-----37.39 chs.</p> <p>Approx. dist. to bottom of canyon, course W.</p> <p>Point B of triangulation.</p>
33.00	
37.39	

224

S. 31. SURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 18 E.

Chains

37: 42

420

420

420

420

Top of spur, projects W. Descend over inaccessible N. slope.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock, and surrounded by mound of stone to the top; for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

WC	
$\frac{1}{4}$	
S 24	S 20

1930

from which

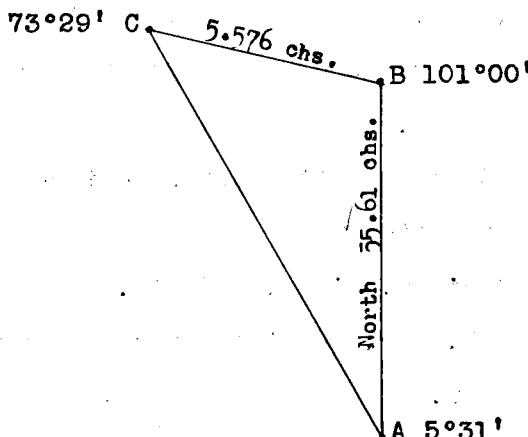
A fir, 4 ins. diam., bears S.36°00'E., 12 lks.

dist., mkd. WC $\frac{1}{4}$ S 20 B T.

A juniper, 8 ins. diam., bears N.48°00'W., 66 lks.
dist., mkd. WC $\frac{1}{4}$ S 24 B T.

The line to the north crosses deep canyon with precipitous slopes covered with vertical ledges and slide rock, making chaining impracticable. To determine the distance I triangulate as follows:

Erect flag A at the witness $\frac{1}{4}$ sec. cor., and set flag B on line to the north; also set flag C northwesterly from A. The mean distance of the base line BC is 5.576 chs., with no difference in measurement by two sets of chainmen. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180°. The vertical angle from A to B is plus 22°15'.



Angle at point A is 5°31'

Angle at point B is 101°00'

Angle at point C is 73°29'

SURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 18 E.

Chains	Distance on line to point A-----	37.49 chs.	S13
	Distance by triangulation A to B-----	55.61 chs.	
	Total distance on line to B-----	52.03 chs.	
	By return measurement-----	3.58 chs.	
	Total distance on line-----	59.45 chs.	
40.00	True point for the $\frac{1}{2}$ sec. cor., falls on inaccessible slope where it is impracticable to set cor.		
43.00	Approx. dist. to bottom of canyon, course SW. Stream of clear water, 2 lks. wide in bottom of canyon.		
56.00	True point for the cor. of secs. 13, 17, 20 and 24, falls on precipitous shale slope, where it is impracticable to set cor.		
59.45	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, surrounded by mound of stone to the top, for the witness cor. of secs. 13, 17, 20 and 24, with brass cap mkd.		

T16S	
R17E	R18E
S13	S17
+	
S24	S20
WC	
1930	

from which

A pinon, 8 ins. diam., bears N.73°00'E., 43 lks. dist., mkd. WC T 16 S R 18 E S 17 B T.

A juniper, 7 ins. diam., bears S.30°00'E., 43 lks. dist., mkd. WC T 16 S R 18 E S 17 B T.

A pinon, 12 ins. diam., bears S.83°30'W., 51 lks. dist., mkd. WC T 16 S R 17 E S 13 B T.

A pinon, 7 ins. diam., bears N.10°30'W., 107 lks. dist., mkd. WC T 16 S R 17 E S 13 B T.

Land, very rough and broken mountains; general drainage and exposure W.

Soil, sandy loam, with much sandstone slide rock and ledges; 3rd rate.

Timber, juniper, pinon, and fir.

Undergrowth, oak, service berry and sagebrush.

Grazing poor.

North bet. secs. 13 and 17.

Counting distance from the true point for sec. cor.

SURVEY OF THE WEST BOUNDARY OF T. 16 S., R. 18 E.

Chains	Over rough mountainous land through dense timber and undergrowth.
9.45	Intersect the witness cor. of secs. 13, 17, 20, and 24, heretofore described. Ascend steep SE. slope 710 ft. to the $\frac{1}{4}$ sec. cor.
13.03	Point B of triangulation bet. secs. 20 and 24.
13.90	Top of spur, projects SE.
27.90	Bottom of draw, course SE.
35.67	Top of spur, projects SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. corner, with brass cap mkd.
	$\frac{1}{4}$ S 13 S 17 1930
	from which
	A mahogany, 5 ins. diam., bears S.82°00'E., 11 lks. dist., mkd. $\frac{1}{4}$ S 17 B T
	A pinon, 8 ins. diam., bears S.60°00'W., 51 lks. dist., mkd. $\frac{1}{4}$ S 13 B T
	Continue ascent of 155 ft. over SE. slope to rim of mesa.
42.40	Bottom of draw, course SE.
47.00	Rim of mesa, bears NE. and SW. Leave timber, bears NE. and SW. Descend 305 ft. over NW. slope to wit. sec. cor.
65.50	Top of low spur, projects SW.
65.89	Rim of mesa, bears E. and W. Erect flag for future triangulation. Enter dense timber, bearing E. and W. Commence abrupt descent.
70.18	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the witness cor. of secs. 8, 12, 13, and 17, with brass cap mkd.

SURVEY OF THE WEST BOUNDARY OF SECS. 8, R. 18 E.

Chains

enclad

WIC	11 miles
T16S	11 miles
R17E R18E	11 miles
S12 S 8	11 miles
<u>S13 S17</u>	11 miles
1930	11 miles

from which

- A fir, 6 ins. diam., bears N.58°00' E., 11 lks.
dist., mkd. WC T 16 S R 18 E S 17 B T
 - A fir, 8 ins. diam., bears S.63°30' E., 58 lks.
dist., mkd WC T 16 S R 18 E S 17 B T
 - A fir, 12 ins. diam., bears S.44°45' W., 23 lks.
dist., mkd WC T 16 S R 17 E S 13 B T
 - A fir, 3 ins. diam., bears N.59°00' W., 58 lks.
dist., mkd BT
- 80.00 True point for the cor. of secs. 8, 12, 13, and 17,
falls on inaccessible ledges where it is impracticable
to set cor.
- Land, rough and broken mountainous; general drainage
and exposure W.
- Soil, sandy loam with much sandstone slide rock and
ledges; 3rd rate.
- Timber, juniper and pinon and fir.
- Undergrowth, oak, service berry and sage brush.
- Poor grazing.

North, bet. secs. 8 and 12.

Counting distance from the true corner point for secs.
8, 12, 13, and 17.

Over very rough mountainous land, through dense timber
and undergrowth.

The line to the north passes along the west breaks of
the mesa, crossing deep impassable canyon, with precip-
itous slopes, over which chaining is impracticable.

To determine the distance I return to a point at 65.89
chs. on line bet. secs. 13 and 17, and triangulate as
follows:

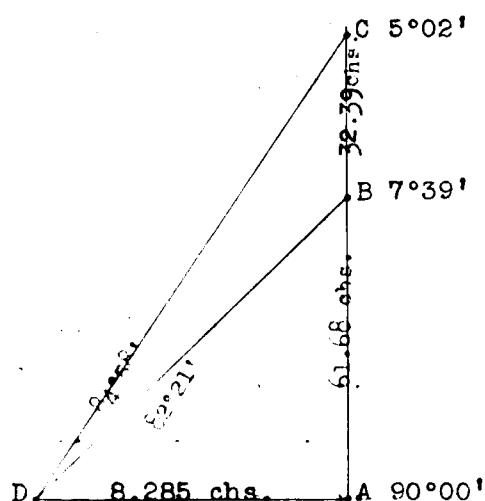
U.S. SURVEY OF THE WEST BOUNDARY OF T.16 S., R. 18 E.

Chains

Designate this point as A; set flags B and C north on line and erect flag D west from A the mean distance of 8.285 chs,

by 1st set of chainmen 8.286 chs.
by 2nd set of chainmen 8.284 chs.

The angles were determined by three repetitions with the error balance to 180° . The base line AD was the only practicable base available. The vertical angles from A to B is $-21^\circ 45'$ and from A to C is -10° .



Angle at point A is $90^\circ 00'$

Angle at point B is $7^\circ 39'$

Angle at point C is $5^\circ 02'$

Angles at point D are $82^\circ 21'$ and $84^\circ 58'$ respectively.

Distance by triangulation A to B-----61.68 chs.

Distance A is south of true cor. point----14.11 chs.

Total distance on line to point B 47.57 chs.

Distance by triangulation A to C----- 94.07 chs.

Distance A is south of true cor. point--- 14.11 chs.

Total distance on line to C ----- 79.96 chs.

38.00 Approx. dist. to bottom of deep canyon with precipitous slopes, course SW.

40.00 True point for the cor. falls on inaccessible ledges.
Impracticable to set cor.

47.57 Point A of triangulation. Top of spur, projects W.
Set an iron post, 3 ft. long, 1 in. diam., over X cut in solid surface rock, surrounded to the top by large mound of stone, for the witness $\frac{1}{2}$ sec. cor., with brass cap mkd.

S 12 | S 8

WC
1930

SURVEY OF THE WEST BOUNDARY OF T16 S., R.18 E.

Chains	<p>from which entered A fir, 9 ins. diam., bears N.34°00'E., 31 lks. dist., mkd. WC $\frac{1}{4}$ S 8 B T.</p> <p>A fir, 3 ins. diam., bears N 38°00'W., 7 lks. dist., mkd. BT.</p> <p>Continue along the precipitous W. slope of the mesa, over which chaining is impracticable.</p>						
79.96	Point C of triangulation.						
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 1, 5, 8 and 12, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T16S</td> </tr> <tr> <td>R17E R18E</td> </tr> <tr> <td>S 1 S 5</td> </tr> <tr> <td>-----</td> </tr> <tr> <td>S12 S 8</td> </tr> <tr> <td>1930</td> </tr> </table> <p>from which</p> <p>A pinon, 24 ins. diam., bears N.5°15'E., 61 lks. dist., mkd. T 16 S R 18 E S 5 B T.</p> <p>A pinon, 20 ins. diam., bears S.38°30'W., 38 lks. dist., mkd. T 16 S R 17 E S 12 B T.</p> <p>A pinon, 16 ins. diam., bears N.65°30'W., 56 lks. dist., mkd. T 16 S R 17 E S 1 B T.</p> <p>Land, very rough and broken mountains; general drainage and exposure W..</p> <p>Soil, sandy loam with much sandstone slide rock and ledges; 3rd rate.</p> <p>Timber, juniper, pinon and fir.</p> <p>Undergrowth, oak and service berry.</p> <p>Poor grazing.</p>	T16S	R17E R18E	S 1 S 5	-----	S12 S 8	1930
T16S							
R17E R18E							
S 1 S 5							

S12 S 8							
1930							
2.00	<p>North , on true line bet. secs. 1 and 5.</p> <p>Over rough mountainous land, through dense timber and undergrowth.</p> <p>Ascend 85 ft. over SW. slope.</p>						
2.90	<p>Rim of mesa, bears E. and W. Thence descend 15 ft.</p> <p>Rim of mesa, bears NE. and SW. Ascend 20 ft. along W. slope of mesa.</p>						

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SURVEY OF THE WEST BOUNDARY OF T.16 S., R. 18 E.

Chains 12.70	Rim of mesa, bears NW. and SE. Thence over top of rolling mountain mesa. Leave timber bears NW. and SE.
13.00	Top of divide, bears NW. and SE. Gradual descent of 110 ft. over general N. slope to closing cor.
29.70	Bottom of draw, course NE.
34.50	Trail, bears NW. and SE.
37.19	Intersect the 3rd. Stand. Par. South, West, 10.71 chs. from the $\frac{1}{4}$ sec. cor. of sec. 36 T. 15 S., R. 17 E., heretofore described. At point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock, with sandstone 8 x 8 x 6 ins. mkd. X deposited at the base, and surrounded by mound of stone to the top, for the closing cor. of T.16 S., Rs. 17 and 18 E., with brass cap mkd.

T15S R17E
S 36

S 1	S 5
R17E	R18E
T16S	
C C	
1930	

Land, mountainous; general drainage and exposure N.
Soil, sandy loam with surface sandstone; 3rd rate.
Timber, juniper and pinon.
Undergrowth, oak, service berry and sagebrush.
Fair grazing.

SUBDIVISION OF T.16 S., R. 18 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. Bdy., heretofore described.

North on true line bet. secs. 35 and 36.

Over rolling mountainous land, through dense undergrowth.

Descend 210 ft. to bottom of draw, at 23.20 chs.

16.10	Small draw, course NW.
23.20	Bottom of draw, course W. Ascend 160 ft. over S. slope.
25.80	Fence, 3 wires, bears S.80°E., and N.80°W.
40.00	Top of spur, projects W.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains
40.00

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. ^{exten}
in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

T 16S R 18E
S 35 | S 36

1930

and raise

56.50

mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
Thence along W. slope of ridge.

57.40

Trail, bears SE. and NW.
Top of ridge, bears NW. and SE.; divide bet. Florence
and Chandler Canyons. Descend 25 ft. over general NE.
slope to bottom of draw.

71.30

Top of spur, projects NE.

77.70

Bottom of draw, course NE. Ascend 80 ft. over SE. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins.
in the ground, for the cor. of secs. 25, 26, 35 and 36,
with brass cap mkd.

T16S R18E
S26 | S25
—
S35 | S36
1930

and raise mound

of stone, 3 ft. base, 2 ft. high, W. of the cor.

Land, rolling mountains; general drainage and exposure N.

Soil, black gravelly loam; 2nd rate.

Timber, scattering small aspens.

Undergrowth, oak, service berry and sagebrush.

Good grazing.

East, on random line bet. secs. 25 and 36.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

79.94

Intersect the E. bdy., 7 lks. N. of the cor. of secs.
25 and 36, heretofore described.

Thence

N.89°57'W., on true line bet. secs. 25 and 36.

Ascend 70 ft. over E. slope.

7.60

Top of spur, projects NW. Descend 70 ft. over E. slope.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains

- 13.40 Bottom of draw, course N.30°W.
 15.60 Point of spur, projects from S.
 18.70 Bottom of draw, course NE. Ascend 350 ft. over E.slope.
 39.97 Set an iron post, 3 ft.long, 1 in. diam., 30 ins. in
 the ground; for the $\frac{1}{4}$ sec.cor., with brass cap mkd.

S.25

 $\frac{1}{4}$ _____

S 36

1930

and raise mound

of stone, 3 ft. base, 2 ft. high, N.of the cor.

- 41.30 Top of spur, projects N. Descend 60 ft.

- 51.70 Bottom of draw, course N.10°E. Ascend 75 ft.

- 60.00 Top of spur, projects N.10°E. Descend 55 ft.

- 67.50 Bottom of draw, course N. Ascend 95 ft.

- 73.40 Top of spur, projects NE.

- 77.70 Bottom of draw, course NE.

- 79.94 The cor. of secs. 25, 26, 35 and 36.

Land, rolling mountains; general drainage and exposure N.

Soil, black gravelly loam; 2nd rate.

Timber, scattering aspen.

Undergrowth, oak, service berry and sagebrush.

Good grazing.

North, bet. secs. 25 and 26.

Over rolling mountainous land, through dense under-growth. Ascend 10 ft. over E. slope.

- 9.50 Top of spur, projects N.15°00'E. Descend 140 ft. to
 $\frac{1}{4}$ sec. cor.

- 20.60 Bottom of draw, course NE. Continue descent over NE.
 slope.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
 the ground, with sandstone 6 x 4 x 2 ins. mkd. X
 deposited at the base, for the $\frac{1}{4}$ sec.cor., with brass
 cap mkd.

 $\frac{1}{4}$

S 26 | S 25

1930

SUBDIVISION OF T. 26 S. 18 E.

Chains	Continue descent of 135 ft. along NE. slope to bottom of draw.
49.50	Top of spur, projects NE.
64.20	Bottom of draw, course NE. Ascend 15 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 23, 24, 25 and 26, with brass cap mkd.
	T16S R18E S23 S24 ----- S26 S25 1930
	and raise mound of stone, 3 ft. base, 2 ft. high, N. of the cor.
	Land, rolling mountains; general drainage and exposure N.
	Soil, black gravelly loam; 2nd rate.
	Timber, none.
	Undergrowth, oak, service berry and sagebrush.
	Good grazing.
	S.89°57'E., on random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect the E. bdy., 5 lks S. of the cor. of secs. 24 and 25, heretofore described.
	Thence
	N.89°59'W., on true line bet. secs. 24 and 25.
	Over rolling mountainous land, through dense undergrowth.
	Ascend 125 ft. over broken NE. slope to the $\frac{1}{4}$ sec. cor.
6.30	Top of spur, projects NE.
11.50	Bottom of draw, course NE.
26.70	Top of spur, projects N.
38.90	Bottom of draw, course N.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 24 S 25 1930
	and raise mound of stone, 3 ft. base, 2 ft. high, N. of the cor.
	Ascend 125 ft. over broken NE. slope.

SUBDIVISION OF T. 18 S., R. 18 E.

Chains

47.40 Top of spur, projects N.

53.50 Bottom of draw, course N.

65.00 Top of spur, projects NE.

70.80 Bottom of draw, course NE.

79.98 The cor. of secs. 23, 24, 25 and 26.
Land, rolling mountainous; general drainage and exposure NE.
Soil, sandy loam, 2nd rate.
Timber, none.
Undergrowth, oak, service berry and sagebrush.
Good grazing.

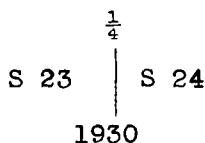
North bet. secs. 23 and 24.
Over rolling mountainous land, through dense under-growth.

4.00 Top of spur, projects NE. Descend 275 ft. over N. slope.

26.70 Trail, bears NE. and SW.

26.90 Bottom of Pinto Canyon, course NE. Ascend 65 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

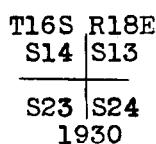


and raise
mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
Ascend 20 ft. over NE. slope.

43.90 Top of spur, projects NE. Descend 80 ft.

62.10 Bottom of draw, course NE. Ascend 80 ft.

80.00 Top of spur, projects NE.
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the cor. of secs. 13, 14, 23 and 24, with brass cap mkd.



and raise
mound of stone 3 ft. base, 2 ft. high W. of the cor.

SUBDIVISION OF T. 15 S., R. 18 E.

Chains	<p>Land, rolling mountains; general drainage and exposure NE.</p> <p>Soil, black sandy loam, with sandstone surface rock; 3rd rate.</p> <p>Timber, scattering groves of aspen.</p> <p>Undergrowth, oak, service berry and sagebrush.</p> <p>Good grazing.</p>
	S.89°59'E., on random line bet. secs. 13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect the E. bdy., 9 lks. S. of the cor. of secs. 13 and 24, heretofore described.
	Thence
	S.89°57'W., on true line bet. secs. 13 and 24.
	Over mountainous land, through dense undergrowth.
1.20	Bottom of draw, course SW. Ascend 70 ft.
6.70	Spur, projects S. Descend 190 ft.
15.10	Trail, bears N. and S.
16.10	Bottom of Moonwater Canyon, stream of clear water, 3 lks. wide in bottom, course N. Ascend 325 ft.
23.20	Enter aspen timber, bears N. and S.
26.40	Leave aspen timber, bears N. and S.
27.40	Rim, of Moonwater Canyon, bears NW. and SE. Continue gradual ascent.
40.09	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone, 10 x 6 x 4 ins. mkd. X deposited at the base, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 13 $\frac{1}{4}$ ————— S 24 1930
47.70	Top of spur, projects N. Descend 520 ft. to bottom of canyon.
51.10	Rim of Pinto Canyon, bears N. and S. The descent become more abrupt.
62.70	Bottom of Pinto Canyon, stream of clear water, 3 lks. wide in bottom, course N. Ascend 460 ft. over E. slope, & strike to draw.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains 66.50	Rim of Pinto Canyon, bears N. and S. Ascent becomes gradual.
80.18	The cor. of secs. 13, 14, 23 and 24. Land, rolling mountainous; general drainage and exposure N. Soil, black gravelly loam; 3rd rate. Timber, scattering groves of aspen. Undergrowth, oak, service berry and sagebrush. Good grazing.
	North on sectional guide meridian bet. secs. 13 and 14. Over rolling mountainous land, through dense undergrowth. Descend 262 ft. over NE. slope.
20.40	Bottom of draw, course NE. Ascend 25 ft. over NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 14 S 13 1930
	and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
43.40	Top of spur, projects NE. Also rim of Moonwater canyon, bears NW. and SE. Descend 125 ft.
54.70	Bottom of draw, course NE. Ascend 25 ft.
60.70	Top of spur, projects E.
66.40	Top of spur, projects N. 70°E. Descend 210 ft. over broken NE. slope.
69.40	Draw, course N. 70°00'E.
75.00	Top of spur, projects E.
77.00	Bottom of draw, course E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, to solid rock and surrounded by mound of stone to the top, with sandstone 8 x 6 x 6 ins. mkd.
	X deposited at the base, for the cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains	<p style="text-align: right;">T16S R18E S11 S12 <i>Set 2d</i> S14 S13 1930 <i>leather</i></p> <p>Land, mountainous; general drainage and exposure NE. Soil, black gravelly loam; 2nd rate. Timber, none. Undergrowth, oak, service berry and sagebrush. Good grazing.</p> <hr/> <p>N.89°57'E., on random line bet. secs. 12 and 13.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
81.12	Intersect the E. bdy., 7 lks. S. of the cor. of secs. 12 and 13, heretofore described. Thence
	S.89°54'W., on true line bet. secs. 12 and 13. Over mountainous land, through dense undergrowth.
6.50	Top of low spur, projects N.
9.40	Small draw, course NE.
16.50	Top of spur, projects N. Descend 15 ft.
25.80	Bottom of small draw, course N.
39.00	Right rim of Moonwater Canyon, bears N. and S. Descend 60 ft. over abrupt W. slope. Enter timber bears N. and S.
41.12	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and surrounded by mound of stone, to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ ————— S 12 S 13 1930
	A fir, 16 ins. diam., bears N.10°00'E., 127 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.
	A fir, 10 ins. diam., bears S.60°00'W., 46 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.
	Abrupt descent of 970 ft. over W. slope.
61.10	Bottom of Moonwater Canyon, stream of clear water in bottom, 6 lks. wide, course N. Abrupt ascent of 910 ft. over E. slope.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains
81.12

The cor. of secs. 11, 12, 13 and 14.
Land, mountainous; general drainage and exposure N.
Soil, black gravelly loam; 2nd rate.
Timber, fir, juniper and pinon.
Undergrowth, oak, service berry and sagebrush.
Good grazing.

North, on sectional guide meridian, bet. secs. 11 and 12.

Over mountainous land, through dense undergrowth.

Descend 700 ft. over NE. slope to the $\frac{1}{4}$ sec. cor.

1.10 Top of spur, projects E.

5.50 Bottom of draw, course E.

6.50 Top of spur, projects E.

12.70 Bottom of draw, course E.

18.00 Top of spur, projects E.

25.30 Bottom of draw, course E.

31.70 Top of spur, projects E.

35.60 Bottom of draw, course NE.

40.00 Top of spur, projects NE.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 11 | S 12
1930

and raise

mound of stone, 3 ft. base, 2 ft. high, W. of the cor.

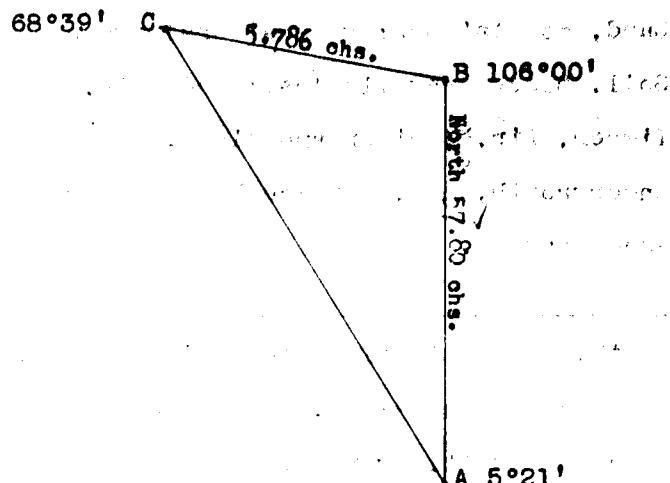
41.00 The line to the north crosses Moonwater Canyon, and
ascends precipitous slope over which chaining is
impracticable. To determine the distance I triangulate
as follows:

Erect flag A at this point and set flag B to the N. on
line. Also set flag C northwesterly from flag A. The
mean distance of the base line BC is 5.786 chs. with
no difference in the measurement by two sets of
chainmen. This was the longest practicable base avail-
able. The angles were determined by three repetitions
with the error balanced to 180° . The vertical angle

SUBDIVISION OF T. 10 S., R. 18 E.

Chains

from A to B is plus 12°15'.



Angle at point A is $5^{\circ}21'$
Angle at point B is $106^{\circ}00'$
Angle at point C is $68^{\circ}39'$

Distance on line to point A is----- 41.00 chs.
Distance by triangulation A to B----- 57.80 chs.
Total distance on line to B----- ~~98.80~~ chs.
Distance by return measurement----- 23.80 chs.
Total distance on line----- 76.00 chs.

59.00 Approximate bottom of Moonwater Canyon, stream of clear water, 6 lks. wide, in bottom course NW.

76.00 Top of spur, projects W. Enter timber bears E. and W.

79.20 Bottom of small draw, with small spring of clear water in bottom course W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., over X cut in solid rock, and surrounded by mound of stone to the top, for the cor. of secs. 1, 2, 11 and 12, with brass cap mkd.

T16S R18E

S 2 | S 1

s11 | s12

1930

from which

A fir, 6 ins. diam., bears N. $39^{\circ}00' E.$, 60 lks.

dist., mkd. T 16 S R 18 E S 1 B T.

A fir, 20 ins. diam., bears S.48°00'E., 50 lks.
dist.. mkd. T 16 S R 18 E S 12 BT.

A fir, 10 ins. diam., bears S.66°00' W., 57 lks.
dist. mds. T 16 S R 18 E S 11 R T

A fir, 8 ins. diam., bears N.24°00'W., 25° lks.

1997, *Journal of International Accounting Auditing and Taxation*, 6(2), 135-148.

alpha radiation off .⁹O¹⁷ of beamseed torts adj. with

SUBDIVISION OF T. 16 S., R. 18 E.

Chains	<p>Land, rough mountainous; general drainage and exposure NW.</p> <p>Soil, black gravelly loam and sandstone surface rock; 3rd rate.</p> <p>Timber, juniper, pinon and fir.</p> <p>Undergrowth, oak, service berry and sagebrush.</p> <p>Poor grazing.</p>
	N.89°54'E., on random line, bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
81.70	Intersect the E. bdy., 26 lks. N. of the cor. of secs. 1 and 12, heretofore described. Thence
	N.89°55'W., on true line, bet. secs. 1 and 12. Over rolling mountainous land, through dense undergrowth. Descend 75 ft. over gradual NW. slope.
41.70	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone, 8x3x3.ins. mkd. X, deposited at the base, for the $\frac{1}{4}$ sec corner, with brass cap mkd
	S 1 $\frac{1}{4}$ ————— S 12 1930
62.30	Rim of mesa, bears NW. and SE. Commence abrupt descent. of 570 ft. Enter timber, bears NW. and SE.
81.70	The cor. of secs. 1, 2, 11, and 12. Land, mountainous; general drainage and exposure NW. Soil, sandy loam with sandstone surface rock; 3rd rate. Timber, juniper, pinon and fir. Undergrowth, oak, service berry and sagebrush. Fair grazing.
	North, on sectional guide meridian, bet secs. 1 and 2. Ascend steep S. slope, 765 ft. through dense timber and undergrowth.
0.34	Small draw, with spring in bottom, $\frac{1}{2}$ lk. wide, course SW.
18.80	Point of triangulation (see line bet. secs. 11 and 12).

SUPERVISION OF S. Y. 1928., R. 19 E.

Chains

- 21.60 Top of spur, projects SW: descend 85 ft. true.
27.56 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground, for the witness closing cor. bet. 200a.
1 and 2, with brass cap mkd.

W C
T15S R18E
S34
S 2 S 1
T16S R18E
C C
1930

from which

A fir, 10 ins. diam., bears N.35°30' E., 82 lbs.

dist., mzd WC T 16 S R 18 E S 1 C C B T

A fir, 8 ins. diam., bears 8.86°30'W., 96 lks.

dist., mkd. WC T 16 S R 18 E S 2 CC BT

The line to the north descends over precipitous N. slope,
over which chaining on true line is impracticable.

Therefore to determine the distance, I run on traverse
as follows:

N.51°06'W., 15.36 chs. dist. to the witness stand. cor.
of secs. 33 and 34, T. 15 S., R. 18 E., heretofore
described.

Therefore the true dist. of this mile is 37.20 chs.

and intersect the 3rd Stand. Par. S. 12.50 chs. E. of
the true point for the stand cor. of secs. 33 and 34.

Land, mountainous; general drainage and exposure NW.
Soil, gravelly loam, with sandstone surface stone; 3rd
rate.

Timber, juniper, pinon and fir.

Undergrowth, oak, service berry and sagebrush.

Poor grazing.

From the witness cor. of secs. 2, 3, 34, and 35,
heretofore described, on S. bdy. of township.

The true point for the cor. of secs. 2, 3, 34, and 35
is inaccessible. Therefore I run on offset as follows:
N.0°01'W., on offset line bet. secs. 34 and 35.

SUBDIVISION OF T. 18 S., R. 18 E.

Chains

The line to the north crosses a deep canyon, with precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at the wit. sec. cor.; set flag B on line to the north, and erect flag C northeasterly from A.

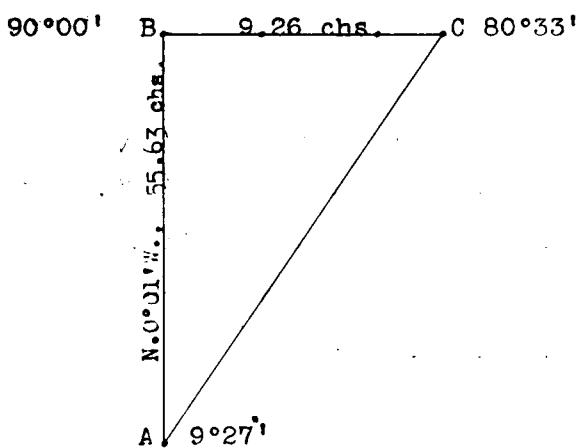
The mean distance of the base line BC is 9.26 chs.

by 1st set of chainmen 9.261 chs.

by 2nd set of chainmen 9.259 chs.

This is the longest practicable base line available.

The angles were determined by three repetitions with the error balanced to 180° . The vertical angle from A to B is $-9^\circ 45'$.



Angle at point A is $9^\circ 27'$.
Angle at point B is $90^\circ 00'$.
Angle at point C is $80^\circ 33'$.

Distance by triangulation from A to B.-----55.63 chs.

N. 0°01' W., 55.63 chs. on offset line. Thence

East, 9.26 chs. to point on true line. Thence

S. 0°01' E., 6.57 chs.

28.00 Approximate distance to bottom of canyon, 600 ft. below wit. sec. cor., with stream of clear water 1 lk. wide in bottom, course SW. Ascend precipitous S. slope through dense timber and undergrowth.

40.00 Point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges, where it is impracticable to set. cor.

49.05 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISION OF T.16 S.12 R. 18 E.

Chains

	T16S R18E S27 S26 WC S34 S35 1930
	A juniper, 5 ins. diam., bears S.25°00'E., 9 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.
	Ascend 430 ft. over S. slope.
55.63	Point 9.26 chs. East of the point B of triangulation. Continue ascent of 100 ft over S. slope.
58.69	Top of spur, projects SW. The line to the north descends over precipitous slope and vertical ledges, over which chaining is impracticable. To determine the distance I run on offset as follows: Thence East, 9.97 chs. dist., thence North, 21.31 chs. dist. (Descend 105 ft. over N. slope). to 80.00 chs. northing on offset line. Unable to return to true line at this point and the true point for the cor. of secs. 26, 27, 34 and 35, is inaccessible. Therefore at this point Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the witness cor. of secs. 26, 27, 34 and 35, with brass cap mkd.
80.00	T16S R18E S27 S26 WC S34 S35 1930
	An oak, 3 ins. diam., bears S.34°30'E., 22 lks. dist., mkd. WC BT.
	A fir, 12 ins. diam., bears S.48°30'W., 101 lks. dist., mkd. WC T 16 S R 18 E S 35 B T.
	A fir, 18 ins. diam., bears N.80°30'W., 82 lks. dist., mkd. WC T 16 S R 18 E S 26 BT.
	A fir, 10 ins. diam., bears N.4°00'W., 72 lks. dist., mkd. WC T 16 S R 18 E S 26 B T.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains

Land, very rough and mountainous; general drainage and exposure W.

Soil, sandy loam, and with sandstone slide rock and ledges; 3rd rate.

Timber, juniper, pinon and fir.

Undergrowth, oak, service berry and sagebrush.

Poor grazing.

From the wit. cor. of secs. 26, 27, 34 and 35, counting distance from the true cor. point.

East, on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the cor. of secs. 25, 26, 35 and 36.

Thence

West, on true line bet. secs. 26 and 35.

Over rolling mountainous land, through dense undergrowth.

Ascend 65 ft. over E. slope.

4.80 Top of spur, projects NE. Continue ascent of 55 ft. over broken N. slope.

21.50 Top of ridge, bears NW. and SE.; divide bet. Florence and Chandler Canyons. Descend 90 ft.

21.70 Trail bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone 8 x 6 x 3 ins. mkd. X at the base, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 26
—
 $\frac{1}{4}$ —
S 35
1930

41.50 Bottom of draw, course S. Ascend 25 ft.

55.80 Top of spur, projects SW. Descend 100 ft. over NW. slope.

70.00 Rim of mesa, bears NE. and SW. Enter timber, bears NE. and SW. Commence abrupt descent.

70.03 The witness cor. of secs. 26, 27, 34 and 35.

80.00 The true point for the cor. of secs. 26, 27, 34 and 35.

Land, mountainous; general drainage and exposure N.

Soil, sandy loam with sandstone surface rock; 2nd rate.

Timber, scattering groves of aspen.

SUBDIVISION FOR TOWNS S., R. 18 E.

Chains	Undergrowth, oak, service berry and sagebrush. Good grazing.
	From the wit. cor. of secs. 26, 27, 34 and 35, counting distance from the true cor. point.
	N.0°01'W., on offset line bet. secs. 26 and 27.
	Over mountainous land, through dense undergrowth.
	N.0°01'W., 4.87 chs. thence
	West, 5.69 chs. thence
	N.0°1'W., 12.44 chs. thence
	West, 4.28 chs. to point at 17.31 chs. northing on true line
	Approximate distance to topography on true line.
5.00	Approx. distance to bottom of deep draw, course SW.
10.00	Approx. distance to rim of mesa, bears E. and W.
17.31	Point on true line determined by offset.
	Thence over rolling mountain land.
20.20	Top of divide, bet. Florence and Chandler Canyons, bears NW. and SE.
25.10	Top of same divide, bears N.15°E., and S.15°W.
38.20	Trail, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 27 S 26
	1930
	and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
49.10	Top of divide, bet. Florence and Chandler Canyons, bears E. and W. Descend 156 ft. over broken NW. slope to the sec. cor..
69.20	Bottom of draw, course NE. Thence over NE. slope.
78.50	Top of spur, projects NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 22, 23, 26 and 27, with brass cap mkd.

SUBDIVISION OF T.16 S., R. 18 E.

Chains

T16S R18E.

S22 S23

S27 S26

1930

and raise mound
of stone, 3 ft. base, 2 ft. high, W. of the cor.

Land, rolling mountains; general drainage and exposure
N.

Soil, black gravelly loam; 3rd rate.

Timber, none.

Undergrowth, oak, service berry and sagebrush.

Good grazing.

East on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. end S. line, 9 lks. N. of the cor. of
secs. 23, 24, 25 and 26.

Thence

N.89°56'W., on true line bet. secs. 23 and 26.

Over rolling mountainous land, through dense under-
growth.

2.00 Top of spur, projects NE. Descend 30 ft.

11.00 Bottom of draw, course NE. Ascend 25 ft.

17.00 Top of spur, projects NE.

27.80 Top of spur, projects N. Descend 45 ft.

33.40 Bottom of draw, course NE. Ascend 105 ft.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for the $\frac{1}{4}$ sec.cor., with brass cap mkd.

S 23

 $\frac{1}{4}$

S 26

1930

and raise

mound of stone, 3 ft. base, 2 ft. high N. of the cor.

Continue ascent of 30 ft.

45.50 Top of spur, projects NE. Descend 40 ft.

49.00 Bottom of draw, course NE. Ascend 110 ft. over broken
NE. slope to the sec. cor.

64.30 Top of spur, projects NE.

71.30 Bottom of draw, course NE.

SUBDIVISION ON T.R. SPLIT 18 E.

Chains 78.60	Top of spur, projects NE.
80.10	The cor. of secs. 22, 25, 26 and 27. Land, mountainous; general drainage and exposure NE. Soil, black gravelly loam; 2nd rate. Timber, none. Undergrowth, oak, service berry and sagebrush. Good grazing.
	N.0°01'W., bet. secs. 22 and 23.
	Over rolling mountainous land, through dense under-growth.
3.30	Descend 155 ft. over broken NE. slope to the $\frac{1}{4}$ sec. cor.
15.80	Bottom of draw, course NE.
24.40	Top of spur, projects NE.
29.30	Bottom of draw, course NE.
40.00	Top of spur, projects NE.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 22 S 23 1930
41.20	and raise mound of stone, 3 ft. base, 2 ft. high, W. of the cor.
42.70	Continue descent over NE. slope 90 ft. to bottom of draw, at 66.20 chs.
44.50	Bottom of small draw, course NE.
66.20	Trail, bears NW. and SE.
78.20	Top of spur, projects NE. Ascend 30 ft.
80.00	Descend 5 ft. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 14, 15, 22 and 23, with brass cap mkd.
	T16S R18E S15 S14 S22 S23 1930
	mound of stone, 3 ft. base, 2 ft. high, N. of the post.

SUBDIVISION OF T.16 S., R. 18 E.

Chains	<p>Land, mountainous; general drainage and exposure NE.</p> <p>Soil, black gravelly loam; 2nd rate.</p> <p>Timber, none.</p> <p>Undergrowth, oak, service berry and sagebrush.</p> <p>Good grazing.</p>
	S.89°56'E., on random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line, 23 lks. N. of the cor. of secs. 13, 14, 23 and 24.
	Thence
	N.89°46'W., on true line bet. secs. 14 and 23.
	Over mountainous land, through dense undergrowth and scattering groves of aspen.
0.50	Top of spur, projects N.15°E. Descend 5 ft.
11.60	Bottom of draw, course NE.
16.70	End of spur, projects from the S.
21.00	Bottom of draw, course N.10°E. Ascend 55 ft.
25.90	Top of spur, projects N.20°E. Descend 20 ft.
33.70	Bottom of draw, course N.
39.96	Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to solid rock, with sandstone 8 x 7 x 6 ins. mkd. X deposited at the base and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 14 — $\frac{1}{4}$ — S 23 1930
	This corner stands on top of low spur, projecting N. Descend 145 ft. over W. slope.
51.90	Bottom of draw, course N. Ascend 130 ft.
58.60	Top of spur, projects NE. Descend 10 ft.
64.00	Bottom of draw, course NE. Ascend 100 ft.
77.90	Top of spur, projects NE.
79.92	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous; general drainage and exposure NE.
	Soil, black gravelly loam; 2nd rate.
	Timber, scattering groves of aspen.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains	Undergrowth, oak, service berry and sagebrush. Good grazing.
	N.0°01'W., bet. secs. 14 and 15.
	Over mountainous land, through dense undergrowth and scattering groves of aspen.
11.60	Descend 255 ft. over NE. slope to bottom of Deep Canyon Rim of Deep Canyon, bears NE. and SW. Commence abrupt descent.
16.50	Trail, bears E. and W.
16.70	Bottom of Deep Canyon, course NE. Ascend 185 ft. over NW. slope to top of spur.
24.30	Rim of Deep Canyon, bears NE. and SW.
30.80	Top of spur, projects NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone 10 x 5 x 3 ins. mkd. with X deposited at the base, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 15 S 14 1930
	Gradual descent of 240 ft. over NW. slope.
77.20	Rim of Deep Canyon, bears NE. and SW.
78.60	Bottom of small draw, course NE. Enter scattering timber, bearing E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 10, 11, 14 and 15, with brass cap mkd.
	T16S R18E S10 S11 S15 S14 1930
	from which
	A fir, 10 ins. diam., bears N.68°00'E., 158 lbs. dist., mkd. T 16 S R 18 E S 11 B T.
	A fir, 18 ins. diam., bears S.59°00'E., 158 lbs. dist., mkd. T. 16 S R 18 E S 14 B T.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains

Land, mountainous; general drainage and exposure NE.

Soil, black gravelly loam; 2nd rate.

Timber, scattering groves of aspen and fir.

Undergrowth, oak, service berry and sagebrush.

Good grazing.

 $S.89^{\circ}46'E.$, on random line bet. secs. 11 and 14.

The line to the east crosses Deep Canyon, which has precipitous slopes over which chaining is impracticable.

Therefore to determine the distance I triangulate as follows:

Erect flag A at a point $N.89^{\circ}46'W.$, 1.15 chs. dist. from the cor. of secs. 10, 11, 14 and 15. Set flag B on line to the east. Also set flag C southeasterly from A. The mean distance of the base line BC is 10.00 chs.

by 1st set of chainmen 9.999 chs.

by 2nd set of chainmen 10.001 chs.

This was the longest practicable base line available. the angles were determined by three repetitions and the error was balanced to 180° .

11°01' A. $S.89^{\circ}46'E.$, 51.37 chs.

B 90°00'

S
10.00
T

C 78°59'

Angle at point A is 11°01'

Angle at point B is 90°00'

Angle at point C is 78°59'

Distance by triangulation A to B-----51.37 chs.
 Dist. A is west of cor.-----1.15 chs.
 Total distance on line to B-----50.22 chs.
 By return measurement----- .77 chs.
 49.45 chs.

40.00 Point for temp. $\frac{1}{4}$ sec. cor. falls on inaccessible ledges. No temp set.

49.45 Set temp. wit. $\frac{1}{4}$ sec. cor.

80.08 Intersect N. and S. line, 2 lks. S of the cor. of secs. 11, 12, 13 and 14.

Thence

SUBDIVISION OF T.16 S. 1/4 R. 18 E.

Chains	N.89°47'W., on true line bet. secs. 11 and 14. Over mountainous land, through dense undergrowth and scattering groves of aspen. Ascend 185 ft. over NE. slope.
4.00	Rim of Moonwater Canyon, bears N. and S. Thence gradual ascent.
20.30	Top of spur, projects N. 20°E. Descend 15 ft.
25.40	Bottom of draw, course N. 20°E. Ascend 25 ft.
29.10	Top of spur, projects NE. Descend 10 ft.
30.00	Rim of Deep Canyon, bears N. and S. Enter timber bearing N. and S.
30.63	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the witness s sec ^r cor., with brass cap mkd.
	S 11 WC $\frac{1}{4}$ ————— S 14 1930
	from which
	A fir, 6 ins. diam., bears S. 72°W., 116 lks. dist., mkd. WC $\frac{1}{4}$ S 14 B T.
	A fir, 16 ins. diam., bears N. 1°00'W., 38 lks. dist. mkd. WC $\frac{1}{4}$ S 11 B T.
	Thence by triangulation. Descend abrupt W. slope through dense undergrowth and timber.
40.04	True point for the $\frac{1}{4}$ sec. cor. falls on inaccessible ledges impracticable to set cor.
55.60	Approx. dist. to bottom of Deep Canyon, stream of clear water, 4 lks. wide in bottom, course N. Ascend abrupt E. slope.
76.00	Approx. dist. to top of small spur, projecting N.
79.00	Bottom of draw, course NE.
80.08	The cor. of secs. 10, 11, 14 and 15. Land, mountainous; general drainage and exposure N. Soil, black gravelly loam with exposed sandstone; 3rd rate. Timber, scattered groves of aspen, with, fir, pinon and juniper on the slopes of Deep Canyon. Undergrowth, oak, service berry and sagebrush. Fair grazing.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains

- N.0°01'W., bet. secs. 10 and 11:
 Over mountainous land through dense undergrowth and scattering timber.
 Ascend 100 ft. over E. slope.
 Rim of Deep Canyon, bears NE. and SW.
 Top of spur, projects E. Descend 553 ft. over broken NE. slope to the $\frac{1}{4}$ sec. cor.
 Bottom of draw, course NE.
 Rim of Deep Canyon, bears NW. and SE. Continue descent over abrupt NE. slope.
 Top of spur, projects NE.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
 $\frac{1}{4}$
 S 10 | S 11
 1930

from which

- A fir, 5 ins. diam., bears S.22°00'E., 7 lks. dist.
 mkd. $\frac{1}{4}$ S 11 B T.
 A fir, 6 ins. diam., bears N.58°00'W., 29 lks. dist.,
 mkd. $\frac{1}{4}$ S 10 B T.
 Descend 35 ft. over NE. slope.

- Bottom of draw, course NE. Ascend 155 ft.
 Top of spur, projects E. Descend 145 ft.
 Bottom of draw, course NE. Ascend 5 ft.
 Top of spur, projects E. Descend 150 ft.
 Bottom of draw, course NE. Ascend 50 ft.
 Top of spur, projects E. Descend 30 ft.
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the witness cor. of secs. 2, 3, 10 and 11, with brass cap mkd.

W C	
T16S	R18E
S 3	S 2
—	
S10	S11
1930	

from which

- A fir, 5 ins. diam., bears N.10°30'E., 37 lks. dist.
 mkd. WC T 16 S R 18 E S 11 B T.

SUBDIVISION OF T. 16 S., R. 18 E.

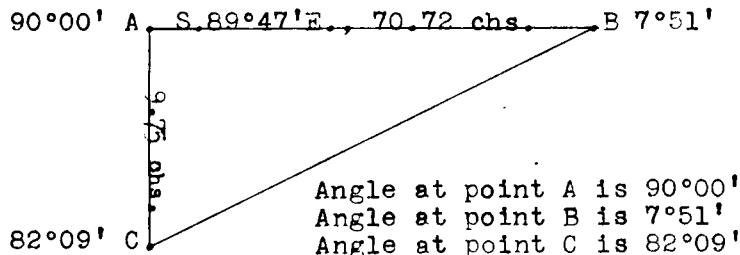
Chains	A fir, 5 ins. diam., bears S. $79^{\circ}00'$ W., 70 lks. dist. mkd. WC T 16 S., R. 18 E S 10 B T.
80.00	A fir, 6 ins. diam., bears N. $52^{\circ}45'$ W., 49 lks. dist. mkd. WC T 16 S R 18 E S 10 B T. True point for cor. falls on inaccessible slope. No cor. Land, rough and mountainous; general drainage and exposure NE. Soil, gravelly loam and surface sandstone; 3rd rate. Timber, fir, pinon and juniper. Undergrowth, oak, service berry and sagebrush. Poor grazing.
9.45	From the witness cor. of secs. 2, 3, 10 and 11. N. $53^{\circ}05'$ E., 11.82 chs. on traverse line. Thence South, 0.04 chs. to a point on random line bet. secs. 2 and 11. S. $89^{\circ}47'$ E., on random line bet. secs. 2 and 11. The line to the east descends into and across Moonwater Canyon, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows: Erect flag A at this point and set flag B on line to the east, also set flag C southwesterly from A; the mean distance of the base line AC is 11.82 chs. by 1st set of chainmen 11.821 chs. by 2nd set of chainmen 11.819 chs. The angles were determined by three repetitions and the error balanced to 180° . This was the longest practicable base available. The vertical angle from A to B is -29° .
33.57	<p>Angle at point A is $142^{\circ}54'$ Angle at point B is $12^{\circ}00'$ Angle at point C is $25^{\circ}06'$</p> <p>Distance on line to point A-----9.45 chs. Distance by triangulation A to B-----24.12 chs. Total distance on line to B-----33.57 chs.</p> <p>Point B of triangulation. Set temp. wit. $\frac{1}{4}$ sec. cor.</p>
40.00	True point for the temp. $\frac{1}{4}$ sec. cor. falls on inaccessible ledges.

SUBDIVISION OF T.16 S., R. 18 E.

Chains
base

The line to the east ascends over inaccessible ledges and precipitous slope over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Return to a point N. $89^{\circ}47'W.$, 7 lks. dist. from point A of previous triangulation or at 9.38 chs. on random line and erect flag designated as A. Set flag B on line 5 lks. S of the cor. of secs. 1, 2, 11 and 12. Erect flag C southwesterly from A. The mean distance of the base line AC is 9.75 chs. With no difference in the measurement by two set of chainmen. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180° . The vertical angle from A to B is $-2^{\circ}30'$.



Distance on line to A----- 9.38 chs.
Distance by triangulation A to B----- 70.72 chs.
Total distance on line to B----- 80.10 chs.

80.10 Point B of triangulation. Intersect N. and S. line 5 lks. S of the cor. of secs. 1, 2, 11 and 12.

Thence

N. $89^{\circ}49'W.$, on true line bet. secs. 2 and 11.

Over very rough and broken mountainous land, through dense timber and undergrowth.

Descend over precipitous slopes and ledges.

1.10 Small draw, course SW., with small spring in bottom of draw.

39.00 Approx. distance to top of inaccessible spur, projects SW.

40.05 True point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges where it is impracticable to set cor.

46.53 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and surrounded by mound of

SUBDIVISION OF T. 16 S., R. 18 E.

Chains

stone to the top, for the wit. $\frac{1}{4}$ sec. cor., with brass
cap mkd.

$\frac{1}{4}$ ————— S 2
————— S 11
1930

from which

A fir, 8 ins. diam., bears N. $31^{\circ}00'$ E., 23 lks. dist.

mkd. WC $\frac{1}{4}$ S 2 B.T.

A fir, 6 ins. diam., bears S. $23^{\circ}30'$ W., 22 lks. dist.

mkd. WC $\frac{1}{4}$ S 11 B.T.

51.00 Approx. dist. to bottom of Moonwater Canyon, stream of
clear water in bottom, 3 lks. wide, course N.

70.70 Top of spur, projects NE. Descend precipitous W. slope.

80.10 The true point for the cor. of secs. 2, 3, 10 and 11.

Land, rough and mountainous; general drainage and
exposure N.

Soil, sandy loam with exposed sandstone surface rock;
3rd rate.

Timber, juniper, pinon and fir.

Undergrowth, oak, service berry and sagebrush.

Poor grazing.

From the witness cor. of secs. 2, 3, 10 and 11.

N. $0^{\circ}01'$ W. bet. secs. 2 and 3.

Over very rough and mountainous land, through dense
undergrowth and timber.

The line to the north crosses deep canyon with
precipitous slopes over which chaining is impracticable.
Therefore to determine the distance I triangulate as
follows: Counting distance from the true cor. point.
Erect flag A at the wit. sec. cor. set flag B on line
to the north; erect flag C northeasterly from A, 13.06
chs. dist. the mean of two set of chainmen

by 1st set 13.062 chs.

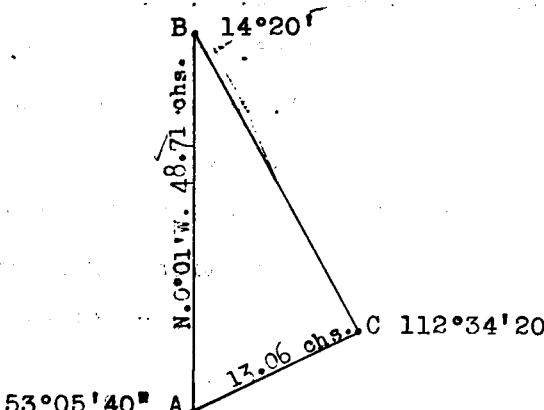
by 2nd set 13.058 chs.

This was the longest practicable base line available.

The angles were determined by 3 repetitions balanced to
180°. The vertical angle from A to B is plus 1°.

SUBDIVISION OF T.16 S., R. 18 E.

Chains



Angle at point A is $53^{\circ}05'40''$
 Angle at point B is $14^{\circ}20'$
 Angle at point C is $112^{\circ}34'20''$

Distance by triangulation A to B-----48.71 chs.
 Distance from wit. cor. to true point-----7.10 chs.
 Total distance on line----- 41.61 chs.
 Distance by return measurement----- 4.62 chs.
 ----- 36.99 chs.

- 30.00 Approx dist. to bottom of canyon, with stream of good water, 2 lks. wide in the bottom, course NE.
- 36.99 Intersect the 3rd Stand. Par. S., East. 12.40 chs. dist., from the stand. cor. of secs. 32 and 33, T. 15 S., R. 18 E., heretofore described.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the closing cor. of secs. 2 and 3 with brass cap mkd.

T15S R18E
S 33

S 3	S 2
T16S	R18E
C C	
1930	

from which

A juniper, 3 ins. diam., bears $S.62^{\circ}00'E.$, 11 lks. dist., mkd. B T.

A fir, 8 ins. diam., bears $S.33^{\circ}00'W.$, 119 lks. dist., mkd. T 16 S R 18 E S 3 C C BT.

Land, very mountainous; general drainage and exposure NE. Soil, sandy loam and surface sandstone; 3rd rate. Timber, juniper, pinon and fir. Undergrowth, oak, service berry and sagebrush. Poor grazing.

SUBDIVISION OF T.R.G. SUB R. 13 E.

		S. bdy., heretofore described. Counting dist. from true point. N. 0°01' W., on true line bet. secs. 33 and 34.
		Over rough mountainous land, through medium growth of timber and undergrowth. Descend 130 ft. over N. slope.
10.60		Bottom of canyon, course NW.; stream of clear water, 1 lk. wide, 1 in. deep. The line to the north ascends over vertical ledges over which chaining is impracticable. Therefore to determine the distance I triangulate as follows: Return to the witness sec. cor. and designated as A; erect flag B on line to the north, and set flag C northeasterly from A the mean distance of 8.05 chs. The angles were determined by three repetitions. The vertical angle from A to B is plus 21°15'.
		Angle at point A is 90°00' Angle at point B is 27°23' Angle at point C is 62°37'
		Distance to point A on line-----5.45 chs. Distance by triangulation A to B-----15.54 chs. Total distance on line to point B-----20.99 chs.
20.99		Point B of triangulation.
23.22		Top of spur, projects SW. Abrupt descent of 370 ft. over NW. slope. Erect flag for triangulation
33.10		Bottom of canyon, course SW. A stream of clear water $\frac{1}{2}$ lk. wide in bottom of canyon.
35.04		Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the wit. & sec. cor., with brass cap mkd.

1930
 which

SUBDIVISION OF T.16 S., R. 18 E.

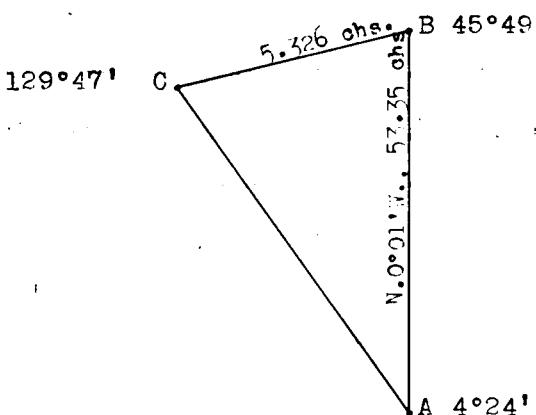
Chains

A juniper, 4 ins. diam., bears S.18°00'E., 23 lks.
dist., mkd. WC $\frac{1}{4}$ S 34 BT.

A juniper, 4 ins. diam., bears S.70°00'W., 19 lks.
dist., mkd. WC $\frac{1}{4}$ S 33 B T.

The line to the north ascends over precipitous S.slope
and series of vertical ledges over which chaining is
impracticable. Therefore to determine the distance I
triangulate as follows:

Return to the 23.22 chs. point and designate as A.
Erect flag B on line to the north; also set flag C
northwesterly from A. The mean distance of the base line
BC is 5.326 chs. with no difference in measurement by
two set of chainmen. The angles were determined by
three repetitions with the error balanced to 180°
BC was the longest practicable base line available.
The vertical angle from A to B is plus 23°15'.



Angle at point A is 4°24'
Angle at point B is 45°49'
Angle at point C is 129°47'

Distance on line to point A ----- 23.22 chs.
Distance by triangulation A to B ----- 53.35 chs.
Total distance on line to point B ----- 76.57 chs.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on inaccessible
ledges no cor. set.

76.57 Top of ridge, bears NE. and SW. Descend 50 ft. over
N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in
the ground to solid rock, with sandstone 12 x 10 x 8 ins.
mkd. X, deposited at the base, and surrounded by mound
of stone to the top, for the cor. of secs. 27, 28, 33 and
34, with brass cap mkd.

SUBDIVISION OF T.16 S., R. 18 E.

Chains

T16S R18E	
S28	S27
S33	S34
1930	

Land, very rough and mountainous; general drainage and exposure SW.

Soil, sandy loam with surface sandstone; 3rd rate.

Timber, juniper, and fir.

Undergrowth, mahogany, oak and service berry.

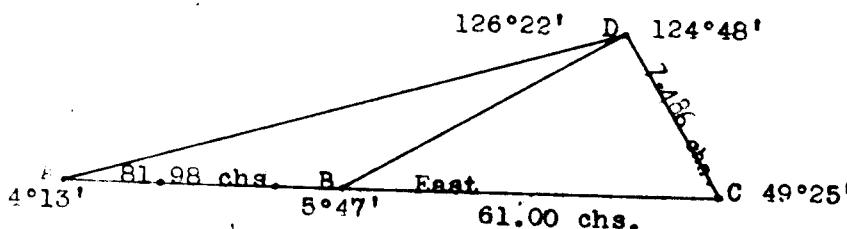
Poor grazing.

East, on random line bet. secs. 27 and 34.

8.07

The line to the east crosses deep canyons over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at this point and set flag B and C on line to the east. Also erect flag D northeasterly from A. The mean distance of the base line DC is 7.486 chs. with no difference in measurement by two set of chainmen. This was the longest base line available. The angles were determined by three repetitions with the error balanced to 180° .



Angle at point A is $4^\circ 13'$

Angle at point B is $5^\circ 47'$

Angle at point C is $49^\circ 25'$

Angles at point D are $124^\circ 48'$ and $126^\circ 22'$.

Distance on line to point A-----	8.07 chs.
Distance by triangulation A to C-----	81.98 chs.
Total distance on line to C-----	90.05 chs.
Distance by triangulation B to C-----	61.00 chs.
Total distance on line to B-----	29.05 chs.
Distance by chaining-----	10.95 chs.
	40.00 chs.

29.05

Point B of triangulation. It is located on the N. line of sec. 27.

40.00

Set temp. $\frac{1}{4}$ sec. cor. due to heat of sun, etc.

90.05

Intersect N. and S. line; 2 alk. N. of the witness cor.

of secs. 26, 27, 34 and 35, which is East; 29.05 chs.

from the true cor. point N. 2 alk. S. of the witness cor.

SUBDIVISION OF T.16 S., R. 18 E.

Chains Therefore the bearing of this mile is N. $89^{\circ}59'W.$, 80.08 chs. dist.

Thence

N. $89^{\circ}59'W.$, on true line bet. secs. 27 and 34.

Counting distance from the true cor. point.

Over very rough and broken mountainous land, through medium growth of timber and undergrowth.

10.00 Approx. dist. to bottom of canyon, course SW.

20.00 Approx. dist. to top of spur, projects SW.

32.00 Approx. dist. to bottom of canyon, course SW.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} S\ 27 \\ \hline \frac{1}{4} \quad S\ 34 \\ 1930 \end{array}$$

from which

A pinon, 12 ins. diam., bears S. $37^{\circ}00'W.$, 45 lks. dist., mkd. $\frac{1}{4}$ S 34 P.T.

51.03 Top of spur, projects S.

78.50 Top of spur, projects SW.

80.08 The cor. of secs. 27, 28, 33 and 34.

Land, very rough and mountainous; general drainage and exposure SW.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, juniper, pinon and fir.

Undergrowth, mahogany, oak and service berry.

Poor grazing.

N. $0^{\circ}01'W.$, bet. secs. 27 and 28.

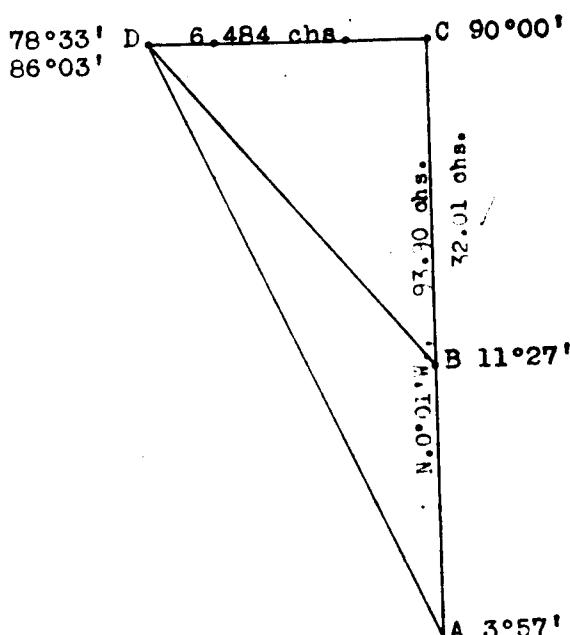
Over very rough and broken mountainous land, through dense timber and undergrowth.

0.44 The line to the north passes over inaccessible ledges and precipitous slopes, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

SUBDIVISION OF T.16 S., R. 18 E.

Chains

Erect flag A at this point and set B and C on line to the north. Also erect flag D northwesterly from A. The mean distance of the base line DC is 6.484 chs. with no difference in the measurement by two set of chainmen. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180° . The vertical angles from A to C is plus $6^\circ 15'$; from B to C is plus $13^\circ 30'$.



Angle at point A is $3^\circ 57'$

Angle at point B is $11^\circ 27'$

Angle at point C is $90^\circ 00'$

Angles at point D is $78^\circ 33'$ and $86^\circ 03'$

Distance on line to point A-----	0.44 chs.
Distance by triangulation A to C-----	<u>93.90 chs.</u>
Total distance on line to C-----	94.34 chs.
Distance by triangulation C to B-----	<u>32.01 chs.</u>
Total distance on line to B-----	62.33 chs.
Distance by return measurement-----	<u>12.96 chs.</u>
	49.37 chs.

Total distance on line to C-----	94.34 chs.
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Distance by return measurement-----	<u>6.34 chs.</u>
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	88.00 chs.
--	------------

39.00

Approx. dist. to bottom of inaccessible canyon,
course SW.

40.00

True point for the $\frac{1}{4}$ sec. cor. falls on inaccessible
ledges where it is impracticable to set cor.

49.37

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in
the ground to solid rock, and surrounded by mound of
stone to the top, for the witness $\frac{1}{4}$ sec. cor., with

SUBDIVISION OF T.16 S., R. 18 E.

Chains	brass cap mkd. S 28 S 27 W C 1930
	from which A fir, 16 ins. diam., bears S.66°00'E., 31 lks. dist., mkd. WC $\frac{1}{4}$ S 27 B T.
	A juniper, 3 ins. diam., bears N.61°00'W., 59 lks. dist., mkd. B T.
	Ascend 540 ft. over steep SW. slope.
62.33	Point B. of triangulation: Top of spur, projects SW. Descend abrupt NW. slope.
70.00	Approx. dist. to bottom of canyon, course SW. Ascend precipitous slope.
80.00	True point for the cor. of secs. 21, 22, 27 and 28, falls on inaccessible ledges where it is impracticable to set cor.
88.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the wit. cor. of secs. 21, 22, 27 and 28, with brass cap mkd.
	T16S R18E S21 S22 S28 S27 W C 1930
	from which A fir, 3 ins. diam., bears N.69°00'E., 50 lks. dist., mkd. BT.
	A fir, 7 ins. diam., bears S.43°00'E., 39 lks. dist., mkd. WC T 16 S R 18 E S 22 B T.
	A fir, 10 ins. diam., bears S.27°30'W., 31 lks. dist., mkd. WC T 16 S R 18 E S 21 B T.
	A fir, 3 ins. diam., bears N.19°00'W., 37 lks. dist., mkd. B T.
	Land, very rough and mountainous; general drainage and exposure SW.
	Soil, sandy loam with sandstone surface rock; 3rd rate.
	Timber, juniper, pinon and fir.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains	Undergrowth, mahogany, service berry and oak. Poor grazing.
	From the wit. cor. of secs. 21, 22, 27 and 28. S.89°59'E., on random line bet. secs. 22 and 27. The true point for the cor. of secs. 21, 22, 27 and 28 is inaccessible therefore run on offset as follows: S.89°59'E., 5.47 chs. thence S.0°01'E., 2.10 chs. thence S.89°59'E., 4.83 chs. thence S.0°01'E., 5.90 chs. to
10.30	Point on random line, counting distance from the true cor. point. Thence S.89°59'E., on random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27. Thence N.89°57'W., on true line bet. secs. 22 and 27. Over rolling mountainous land, through dense undergrowth
3.60	Bottom of draw, course NE. Head of which is 5.00 chs. S. Ascend 30 ft. over NW. slope.
8.10	Top of spur, projects NE. Descend 25 ft.
16.00	Bottom of draw, course NE. Ascend 80 ft.
25.70	Top of spur, projects NE. Thence over general NE. slope.
40.08	On top of divide, bet. Chandler and Florence Canyons, bears NW. and SE. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone 10 x 8 x 6 ins. mkd. X deposited at the base, with brass cap mkd.
	S 22 + ————— S 27 1930
43.80	Trail, bears SE. and NW. Descend 85 ft. over SW. slope.

SUBDIVISION OF T.16 S., R. 18 E.

Chains	
47.50	Bottom of draw, course SW. Ascend 50 ft.
55.30	Top of spur, projects SW. Descend 15 ft.
62.20	Bottom of draw, course SW. Ascend 10 ft.
68.30	Top of spur, projects SW. Descend 25 ft.
69.86	Rim of mesa, bears N. and S. Thence N.0°01'W., 5.90 chs. thence N.89°57'W., 4.83 chs. thence N.0°01'W., 2.10 chs. thence N.89°57'W., 5.47 chs. to (descend 200 ft on this course).
80.16	The witness cor. of secs. 21, 22, 27 and 28. Land, rolling mountains; general drainage and exposure, E $\frac{1}{2}$ mile NE; W $\frac{1}{2}$ mile SW. Soil, black gravelly loam; 2nd rate. Timber, none. Undergrowth, oak, service berry, mahogany and sagebrush. Good grazing.

From the wit. cor. of secs. 21, 22, 27 and 28,
counting distance from the true cor. point.
N.0°01'W., bet. secs. 21 and 22.
Over mountainous land, through dense timber and
undergrowth.
Ascend 265 ft. over SW. slope to top of divide.
8.00 Witness cor. of secs. 21, 22, 27 and 28.
11.50 Rim of mesa, bears NW. and SE. Leave timber, bearing NW. and SE.
14.34 Point C of triangulation determined bet. sec. 27 and 28.
22.80 Top of spur, projects SW.
31.60 Top of divide, bet. Chandler and Florence Canyons, bears E. and W. Descend 35 ft. to $\frac{1}{4}$ sec. cor.
34.90 Trail, bears NW. and SE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone 8 x 6 x 3 ins. mkd. X deposited at the base, for the $\frac{1}{4}$ sec. cor., with

SUBDIVISION OF T. 16, S., R. 18 E.

Continue descent of 145 ft. over broken NE. slope, to
the sec. cor.

42.00 Bottom of draw, course NE.

50.00 Top of spur, projects NE.

62-20 Head of draw, course N.25°E.

88

80.00 Set an iron post, 3 ft. long
the ground, for the cor. of
with brass cap mkd.

T16S R18E

S16 | S15

S21 | S22

1930

and raise mound

of stone 3 ft. base, 2 ft. high W. of the cor.

Land, rolling mountains; general drainage and exposure
S 30 chs. SW.; N. 50 chs. NE.

Soil, black gravelly loam; 2nd rate.

Timber, fir.

Undergrowth, service berry, oak and sagebrush.

Good grazing.

S. $89^{\circ}57' E.$, on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.26 Intersect N. and S. line, 3 lks. S. of the cor. of
secs. 14, 15, 22 and 23.

Thence

N. $89^{\circ}58'W.$, on true line bet. secs. 15 and 22.

Over rolling mountainous land, through dense undergrowth.

Descend 77 ft. over NW. slope to bottom of draw.

19.00 Trail, bears N. and S.

19.10 Bottom of draw, course N. Ascend 115 ft. to the $\frac{1}{4}$
sec: cor.

22.10 End of spur, projects NE.

SUBDIVISION OF T.16 S., R. 18 E.

Chains

40.13

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 15
 $\frac{1}{4}$ —————
S 22
1930

and raise mound

of stone, 3 ft. base, 2 ft. high, N. of the cor.

Ascend 155 ft. over broken NE. slope to the sec. cor.

45.60

Bottom of draw, course NE.

62.50

Trail, bears N.80°E., and S.80°W.

64.50

Top of spur, projects NE.

70.40

Trail, bears S.80°E., and N.80°W.

76.00

Bottom of draw, course N.25°E.

80.26

The cor. of secs. 15, 16, 21 and 22.

Land, rolling mountains; general drainage and exposure
NE.

Soil, black gravelly loam, 2nd rate.

Timber, none.

Undergrowth, oak, service berry and sagebrush.

Good grazing.

N.0°01'W., bet. secs. 15 and 16.

Over rolling mountainous land, through dense under-growth.

Descend 40 ft. over general NE. slope to the $\frac{1}{4}$ sec. cor.

7.40

Trail, bears S.30°E., and N.30°W.

17.50

Trail, bears N.15°E., S.15°W.

28.80

Trail, bears NE. and SW.

40.00

Top of small spur, projects NE.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$

S 16 | S 15

1930

and raise mound

of stone, 3 ft. base, 2 ft. high, W. of the cor.

SUBDIVISION OF T.16 S., R. 18 E.

Chains	Descend 65 ft. over NE. slope.	S16 S15 S 9 S10 ----- 1930
49.80	Bottom of draw, course NE. Ascend 30 ft. over S. slope.	and raise mound
65.20	Top of spur, projects NE. Descend 45 ft.	
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 9, 10, 15 and 16, with brass cap mkd.	
		T16S R18E
		S 9 S10

		S16 S15
		1930
		and raise mound
	of stone, 3 ft. base, 2 ft. high, W. of the cor.	
	Land, rolling mountains; general drainage and exposure N.	
	Soil, black gravelly loam; 2nd rate.	
	Timber, none.	
	Undergrowth, oak, service berry and sagebrush.	
	Good grazing.	
		\$.89°58'E., on random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.22	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 10, 11, 14 and 15.	
	Thence	
	N.89°55'W., on true line bet. secs. 10 and 15.	
	Over rolling mountainous land, through dense undergrowth	
	Ascend 130 ft. over E. slope.	
1.10	Rim of mesa, bears N. and S.	
21.60	Top of spur, projects N. Descend 105 ft.	
34.20	Spring of good water, piped in to troughs bears N. 5 chs. dist.	
35.50	Bottom of draw, drains N.	
35.60	Trail, bears N. and S.	
39.30	Trail bears NE. and SW.	
40.10	Trail, bears SE. and NW.	
40.11	Set an iron post. 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.	
		S 10
		$\frac{1}{4}$ -----
		S 15
		1930
		and raise mound
	of stone, 3 ft. base, 2 ft. high, N. of the cor.	

SUBDIVISION OF T.16 S., R. 18 E.

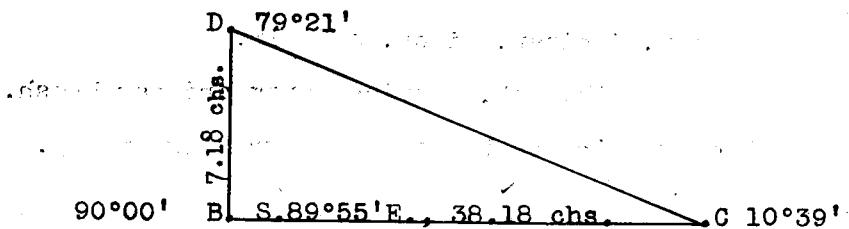
Chains 41.00	Spring of good water, bears N. 8 chs. dist.
42.20	Top of spur, projects N. Descend 45 ft.
49.90	Trail, bears NE. and SW.
50.00	Bottom of draw, course NE. Ascend 195 ft. over broken N. slope to the sec. cor.
62.80	Trail, bears SE. and NW.
62.90	Bottom of draw, course NE.
80.22	The cor. of secs. 9, 10, 15 and 16. Land, rolling mountains; general drainage and exposure N. Soil, black gravelly loam; 2nd rate. Timber, scattering groves of aspen. Undergrowth, oak, service berry and sagebrush. Good grazing.
<hr/>	
	N.0°01'W., bet. secs. 9 and 10.
	Over rolling mountains, through dense undergrowth.
	Descend 240 ft. over general NE. slope to bottom of draw.
3.00	Top of spur, projects NE.
7.30	Trail, bears SE. and NW.
29.70	Bottom of draw, course NE. Ascend 80 ft. over SE. slope.
29.90	Trail, bears NF. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 9. S 10 1930
	and raise mound of stone 3 ft. base, 2 ft. high, W. of the cor.
43.40	Top of spur, projects NE.
47.70	Bottom of draw, course NE. Ascend 20 ft.
48.70	Trail, bears SW. and NE.
67.40	Top of spur, projects NE Descend 25 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 3, 4, 9 and 10, with

SUBDIVISION OF TOLLES. R. 18 E.

Chains	braast cap mkd. S. 0°01'E. 7.10 chs. dist. from point A to witness cor. of sec. 10. The angle between the base line and the line to point A is 180°.	0.14
	T16S R18E S 4 S 3 S 9 S10 1930	00.94 00.94
	and raise mound	
	of stone, 3 ft. base, 2 ft. high, W. of the cor.	
	Land, rolling mountains; general drainage and exposure	
	NE.	
	Soil, black gravelly loam, 2nd rate.	
	Timber, none.	
	Undergrowth, service berry, oak and sagebrush.	
	Good grazing.	
	S. 89°55'E., on random line bet. secs. 3 and 10.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
42.06	Set flag designated as A for triangulation.	
43.70	Rim of mesa, bears N. and S. Commence abrupt descent over precipitous E. slope. Enter timber bears N. and S. The line to the east crosses deep canyon with precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:	
	Return to point A set for triangulation. The cor. of secs. 2, 3, 10 and 11, is witnessed S. 0°01'E., 7.10 chs. dist. Therefore I run S. 0°01'E., 7.10 chs. dist. to a point designated as B, from which I set flag C S. 89°55'E., with intersection of N. and S. line, 5 lks S. of the witness cor. of secs. 2, 3, 10 and 11. Also set flag D, N. 0°05'E., 7.18 chs. the mean distance by two set of chainmen, with no difference in measurement. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180°.	

SUBDIVISION OF T. 16 S., R. 18 E.

Chains



Angle at point B is $90^{\circ}00'$

Angle at point C is $10^{\circ}39'$

Angle at point D is $79^{\circ}21'$

Distance on line to point B----- 42.06 chs.
Distance by triangulation B to C----- 38.18 chs.
Total distance on line to C----- 80.24 chs.

80.24 Fall 5 lks. S. of the witness cor. of secs. 2, 3, 10
and 11.

Therefore the true bearing of this mile is N.89°57'W.,
80.24 chs. dist.

The nce

From the witness cor. of secs. 2, 3, 10 and 11.

N. $89^{\circ}57'W.$, on offset line, bet. secs. 3 and 10.

Over very rough and broken mountainous land, through dense timber and undergrowth.

17.20 Approx. dist., on true line: Bottom of canyon, with stream of clear water 1 lk. wide in bottom course NE.

38.18 Thence N.0°01'W., 7.10 chs. to true line.

Thence N.89°57'W., on true line with continuous measurement.

Leave timber, bears N. and S. Rim of mesa, bears N. and S. Thence over rolling mountains.

40.12 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
the ground; with sandstone 9 x 6 x 3 ins. mkd. X
deposited at the base, and surrounded by mound of
stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap
mkd.

S 3

1/4 —————
S 10
1930

Ascend 70 ft. over E. slope.

51.00 Top of spur, projects N. Descend 10 ft.

80.24 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous; general drainage and exposure N.

Soil, black gravelly loam with surface sandstone; 3rd rate.

SUBDIVISION OF PMG. S., R. 18 E.

Chains	Timber, juniper, pinon, and fir. Undergrowth, oak, service berry and sagebrush. Good grazing on W $\frac{1}{2}$ and poor grazing on E $\frac{1}{2}$.
	N.0°01'W., bet. secs. 3 and 4. Over rolling mountainous land, through dense under-growth. Descend 150 ft. over N. slope.
23.90	Bottom of draw, course NE. Ascend 35 ft. over S. slope.
29.00	Spring of clear water, bears E. 3 chs. dist.
37.07	Intersect the 3rd Stand Par. S., East, 12.17 chs. dist., from the stand. cor. of secs. 31 and 32, T. 15 S R. 18 E., heretofore described. At point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, with sandstone 7 x 4 x 3 ins. mkd. X, deposited at the base, and surrounded by a mound of stone to the top, for the closing cor. of secs. 3 and 4, with brass cap mkd.
	T15S R18E S 32 <hr/> S 4 S 3 T16S R18E C C 1930
	Land, rolling mountains; general drainage and exposure N. Soil, black gravelly loam; 2nd rate. Timber, none. Undergrowth, oak, service berry and sagebrush. Good grazing.
0.38	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy., heretofore described. N.0°02'W., on true line bet. secs. 32 and 33. Over rough and broken mountainous land, through medium growth of timber and undergrowth. Set flag designated as A for future triangulation.

SUBDIVISION OF T. 16 S., R. 18 E.

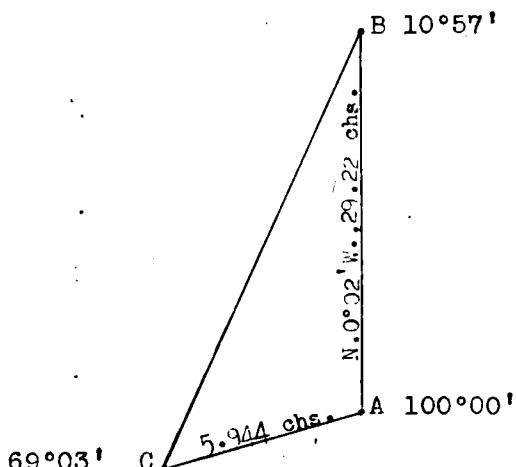
Chains
12.20

Bottom of canyon, course NW.

The line to the north ascends over precipitous slope and series of vertical ledges over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Return to point designated as A and set flag B on line to the north; Also set flag C southwesterly from A.

The mean distance of the base line AC is 5.944 chs. with no difference in the measurement by two set of chainmen. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180° . The vertical angle from A to B is plus 27° .



Angle at point A is $100^\circ 00'$

Angle at point B is $10^\circ 57'$

Angle at point C is $69^\circ 03'$

Distance on line to point A is-----0.38 chs.

Distance by triangulation A to B-----29.22 chs.

Total distance on line to B-----29.60 chs.

29.60

Point B of triangulation.

30.00

Top of spur, projects SW.

30.18

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock; and surrounded by mound of stone to the top, for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

W₁C₄

S 32 | S 33

1930

from which

A juniper, 6 ins. diam., bears S. $51^\circ 30'$ E., 25 lks.

dist., mkd. WC $\frac{1}{4}$ S 33 B T.

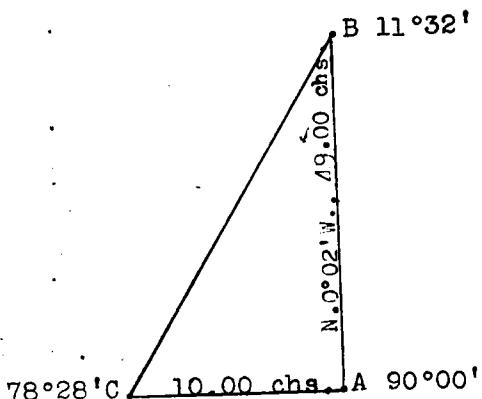
SUBDIVISION OF T.16 S., R. 18 E.

Chains

A juniper, 3 ins. diam., bears S.57°00'W., 48 lbs.
dist., mkd. B T.

The line to the north crosses a deep canyon with precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at this point, and set flag B on line to the north. Also set flag C to the west from A. The mean distance of the base line AC is 10.00 chs. with no difference in measurement by two set of chainmen. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180°. The vertical angle from A to B is plus 6°.



Angle at point A is 90°00'.

Angle at point B is 11°32'.

Angle at point C is 78°28'.

Distance on line to point A is-----30.18 chs.
Distance by triangulation A to B-----49.00 chs.
Total distance on line to point B-----79.18 chs.

40.00 True point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges where it is impracticable to set cor.

55.00 Approx. dist. to bottom of canyon, course SW.
Ascend precipitous S. slope over ledges.

79.18 Point B of triangulation. Foot of vertical ledges, 300 ft high, bears E. and W., over which chaining is impracticable. Therefore to determine the distance I run on offset as follows:

East, 2.50 chs. thence

N.0°02'W., 41~~53~~ chs. thence

West, 2.50 chs. to a point on true line.

SUBDIVISION OF T.16 S., R. 18 E.

- Chains
80.00 True point for the cor. of secs. 28, 29, 32 and 33,
falls on inaccessible ledges.
- 83.31 Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins.
the ground to solid rock and surrounded by mound of
stone to the top, for the witness cor. of secs. 28, 29,
32 and 33, with brass cap mkd.

T16S	R18E
S29	S28
+	
S32	S33
W.C.	
1930	

from which

A fir, 3 ins. diam., bears S.37°00'E., 47 lks.
dist., mkd. B T.

A fir, 12 ins. diam., bears N.43°W., 43 lks. dist.,
mkd. WC T 16 S R 18 E S.29 BT.

Land, very rough and broken; general drainage and
exposure SW.

Soil, sandy loam with surface sandstone; 3rd rate.

Timber, juniper, pinon, fir.

Undergrowth, oak, service berry and sagebrush.

Poor grazing.

From the witness cor. of secs. 28, 29, 32 and 33.

East, on offset random line bet. secs. 28 and 33.

East, 2.49 chs. thence

S.0°02'E., 3.31 chs. to

2.49 Point on random line bet. secs. 28 and 33.

Thence

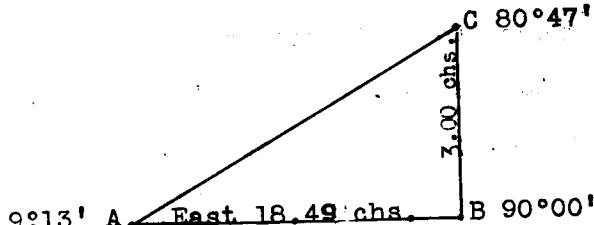
East, on random line bet. secs. 28 and 33.

The line to the east descend over precipitous slope
and vertical ledges over which chaining is impracticable
Therefore to determine the distance I triangulate as
follows:

Erect flag A at this point; set flag B on line to the
East. Also set flag C northeasterly from A. The mean
distance of the base line BC is 3.00 chs. the mean
distance by two set of chainmen with no difference in
measurement. This was the longest practicable base line

SUBDIVISION OF T.16 S., R. 18 E.

Chains available. The angles were determined by three repetitions with the error balanced to 180° . The vertical angle from A to B is -15° .



Angle at point A is $9^\circ 13'$.

Angle at point B is $90^\circ 00'$.

Angle at point C is $80^\circ 47'$.

Distance on line to point A-----	2.49 chs.
Distance by triangulation A to B-----	<u>18.49 chs.</u>
Total distance on line to B-----	20.98 chs.
Distance by return measurement-----	1.19 chs.
	19.79 chs.

19.79 Set flag for future triangulation.

20.98 Flag B of triangulation.

30.34 Set temp. wit. $\frac{1}{4}$ sec. cor.

40.00 True point for the temp $\frac{1}{4}$ sec. cor., falls on inaccessible ledges where it is impracticable to set cor. The line to the east ascends over precipitous slope and ledges over which chaining is impracticable. Therefore to determine the distance I return to the 19.79 chain point and triangulate as follows:

Designate this flag as A. Erect flag B on line to the east, also set flag C southeasterly from A. The mean distance of the base line BC is 6.445 chs.

by 1st set of chainmen---6.444 chs.

by 2nd set of chainmen---6.446 chs.

This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180° . The vertical angle from A to B is plus 26° .

4°36'A East, 60.31 chs. B 44°02'

6.445 chs.
C 131°22'

Angle at point A is $4^\circ 36'$.

Angle at point B is $44^\circ 02'$.

Angle at point C is $131^\circ 22'$.

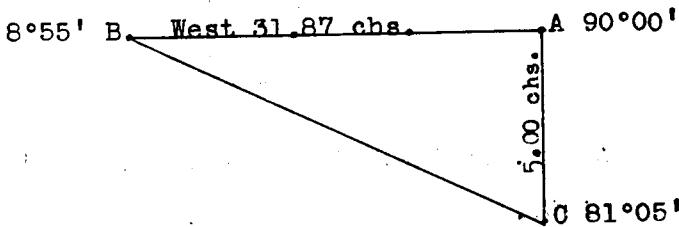
SUBDIVISION OF T. 16 S., R. 18 E.

Chains	Distance on line, to point A-----19.79 chs. Distance by triangulation A to B-----60.31 chs. Total distance on line, to B-----80.10 chs.
80.10	Intersect N. and S line, 7 lks. N. of the cor. of secs. 27, 28, 33 and 34. Thence N.89°57'W., on true line bet. secs. 28 and 33. Over very rough and broken mountainous land, through dense timber and undergrowth. Descend precipitous W. slope.
40.05	True point for the $\frac{1}{2}$ sec. cor. falls on inaccessible sandstone ledges where it is impracticable to set cor.
49.76	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the witness $\frac{1}{2}$ sec. cor., with brass cap mkd.
	S 28 — S 33 1930
	from which
	A fir, 14 ins. diam., bears S.16°30'E., 35 lks. dist., mkd. WC } S 33 BT.
	A fir, 9 ins. diam., bears N.9°00'W., 44 lks. dist., mkd. WC } S 28 BT.
	Descend 30 ft. over W. slope.
50.51	Bottom of canyon, course SW. Ascend 125 ft. over E. slope.
59.10	Top of spur, projects SW. Descend abrupt W. slope.
68.00	Approx. dist. to bottom of canyon, course S.
77.61	Top of spur, projects S.80°00'E.
	Thence by offset as follows:
	N.0°02'W., 3.31 chs. thence
	N.89°57'W., 2.48 chs. to,
80.10	The witness cor. of secs. 28, 29, 32 and 33. Land, very rough and broken mountains; general drainage and exposure SW. Soil, sandy loam and surface sandstone; 3rd rate. Timber, juniper, pinon and fir. Undergrowth, oak, service berry and mahagony. Poor grazing.

SUBDIVISION OF TITLES, R. 18 E.

Chains

From a point 92 lks. N. $0^{\circ}02'W.$, set the true point for
 the cor. of secs. 28, 29, 32 and 33. West. on offset random line bet. secs. 29 and 32. 31.00
 The line to the west ascends along precipitous S. slope
 over which chaining is impracticable. Therefore to de-
 termine the distance I triangulate as follows:
 Erect flag A at this point and set flag B to the west.
 Also set flag C to the south of flag A. The mean
 distance of the base line AC is 5.00 chs. with no
 difference in measurement by two set of chainmen.
 This was the longest practicable base line available.
 The angles were determined by three repetitions with
 the error balanced to 180° . The vertical angle from
 A to B is plus 6° .



Angle at point A is $90^{\circ}00'$
 Angle at point B is $8^{\circ}55'$
 Angle at point C is $81^{\circ}05'$

Distance by triangulation A to B-----31.87 chs.

Thence

N. $0^{\circ}02'W.$, 92 lks. dist., to

31.87. Point on true random line bet. secs. 29 and 32.

Thence

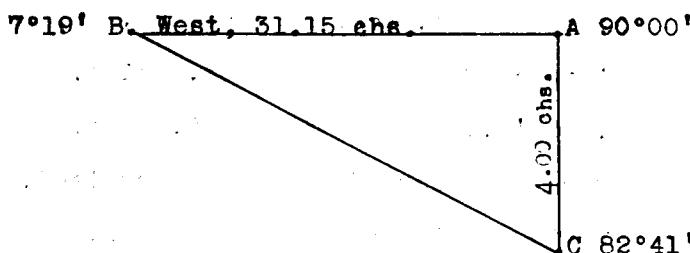
West, on random line bet. secs. 29 and 32.

The line to the west crosses deep canyon, with
 precipitous slope over which chaining is impracticable.
 Therefore to determine the distance I triangulate as
 follows:

Erect flag A at this point and set flag B on line to
 the west. Set flag C to the south of flag A. The mean
 distance of the base line AC is 4.00 chs. with no
 difference in measurement by two set of chainmen.
 The angles were determined by three repetitions with
 the error balanced to 180° . The vertical angle is -3° .

SUBDIVISION OF T.16 S., R. 18 E.

Chains

Angle at point A is $90^{\circ}00'$ Angle at point B is $7^{\circ}19'$ Angle at point C is $82^{\circ}41'$

Distance on line to point A----- 31.87 chs.
 Distance by triangulation A to B----- 31.15 chs.
 Total distance on line ----- 63.02 chs.

63.02 Intersect the W. bdy., 5 lks. S. of the cor. of secs.
 25, 29, 32 and 36, heretofore described.

Thence

S. $89^{\circ}57'$ E., on true line bet. secs. 29 and 32.

Over very rough and broken mountain land, through
 medium growth of timber and undergrowth.

16.00 Approx. dist. to bottom of canyon, course S.

23.02 True point for the $\frac{1}{4}$ sec. cor., falls on inaccessible
 sandstone ledges where it is impracticable to set cor.

31.15 Top of spur, projects S.

Set an iron post, 3 ft. long, 1 in. diam., over X
 cut in solid surface rock, and surrounded by mound of
 stone to the top, for the witness $\frac{1}{4}$ sec. cor., with
 brass cap mkd.

WC	$\frac{1}{4}$	S 29
—		S 32
1930		

Thence on offset as follows: Over precipitous S. slope.

S. $0^{\circ}02'$ E., 92. lks. dist. ThenceS. $89^{\circ}57'$ E., 31.87 chs. dist., to63.02 A point, 92 lks. S. $0^{\circ}02'$ E., of the true point for
 cor. of secs. 28, 29, 32 and 33.

Land, very rough and mountainous; general drainage
 and exposure S.

Soil, sandy loam and surface sandstone; 3rd rate.

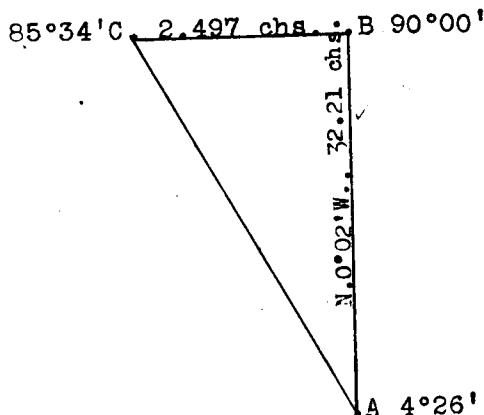
Timber, juniper, pinon and fir.

Undergrowth, oak, service berry and mahogany.

Poor grazing.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains From the wit. cor. of secs. 28, 29, 32 and 33, counting distance from the true cor. point.
 N.0°02'W., on true line bet. secs. 28 and 29.
 Over very rough and mountainous land, through medium growth of timber and undergrowth.
 The line to the north crosses deep canyon with precipitous slope over which chaining is impracticable. Therefore to determine the distance I triangulate as follows. Erect flag A at the witness cor. of secs. 28, 29, 32 and 33. Set flag B on line to the north and set flag C northwesterly from A. The mean distance of the base line BC is 2.497 chs. dist., the mean distance by two set of chainmen with no difference in measurement. The angles were determined by three repetitions with the error balanced to 180° . The vertical angle from A to B is plus $24^\circ 15'$.



Angle at point A is $4^\circ 26'$
 Angle at point B is $90^\circ 00'$
 Angle at point C is $85^\circ 34'$

Distance on line to A-----3.31 chs.
 Distance by triangulation A to B-----32.21 chs.
 Total distance on line to B-----35.52 chs.

- | | |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.00 | Approx. dist. to bottom of canyon, course SE. Ascend over precipitous S. slope. |
| 35.52 | Point B of triangulation, on top of spur, projects SE. Descend 70 ft. over NE. slope. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd. |

SUBDIVISION OF T.16 S., R. 18 E.

Chains

 $\frac{1}{4}$
S 29 | S 28

1930

from which

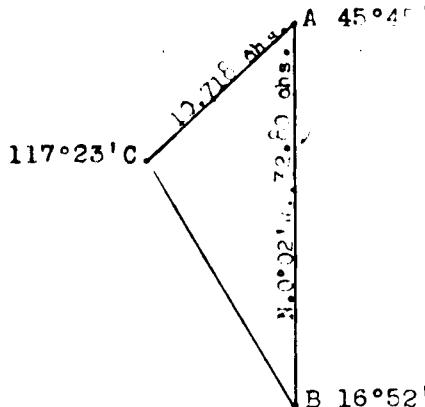
A fir, 20 ins. diam., bears S. $15^{\circ}00'$ E., 51 lks.dist., mkd. $\frac{1}{4}$ S 28 B T.A juniper, 3 ins. diam., bears N. $43^{\circ}30'$ W., 94 lks.

dist., mkd. B T.

The line to the north passes over inaccessible ledges and precipitous slope over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Return to point B of triangulation and set flag designated as A to the north on line. Also set flag C northwesterly from B. The mean distance of the base line AC is 10.717 chs. by two set of chainmen
by 1st set 10.718 chs.
by 2nd set 10.716 chs.

The angles were determined by three repetitions with the error balanced to 180° . The vertical angle from B to A is plus 15° .

Angle at point A is $45^{\circ}45'$ Angle at point B is $16^{\circ}52'$ Angle at point C is $117^{\circ}23'$

Distance on line to point B-----35.52 chs.
Distance by triangulation A to B-----32.80 chs.
Total distance on line to A-----68.32 chs.

45.00	Approx. dist. to bottom of canyon, course SE.
68.32	Point A of triangulation. Top of spur, projects SW.
	Descend 50 ft. over W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins.

SUBDIVISION OF T.16 S., R. 18 E.

in the ground to solid rock, and surrounded by mound
of stone to the top, for the cor. of secs. 20, 21, 28
and 29, with brass cap mkd.

T16S R18E
S20 | S21
S29 | S28
1930

A fir, 3 ins. diam., bears S.35°00'E., 68 lks.
dist. mkd. B T.

A pinon, 8 ins. diam., bears S.36°00'W., 34 lks.
dist.. mkd. T 16 S R 18 E S 29 BT.

A fir, 6 ins. diam., bears N.79°00'W., 57 lks.
dist. mkd. T 16 S R 18 E S 20 B.T.

Land, very rough and broken; general drainage and exposure S.

Soil sandy loam and surface sandstone; 3rd rate.

Timber, juniper, pinon and fir.

Undergrowth, service berry, oak and mahogany.

Poor grazing.

S. 89°57'E., on random line bet. secs. 21 and 28.

28-74 Set flag designated as A for future triangulation.

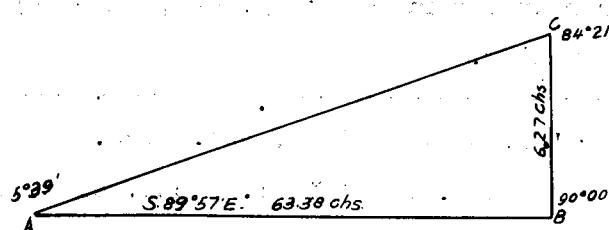
40.00 Set temp. $\frac{1}{4}$ sec. cor.

The line to the east crosses a deep inaccessible canyon with precipitous slopes over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Return to flag A previous set for triangulation and set flag B on line to the E. also set flag C north-easterly from A. The mean distance of the base line BC is 6.27 chs. with no difference in measurement by two set of chainmen. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180° . The vertical angle from A to B is 0° .

SUBDIVISION OF T. 16 S., R. 18 E.

Chains



Angle at point A is 5°39'.

Angle at point B is 90°00'.

Angle at point C is 84°21'.

Distance on line to point A - - - - - 28.74 chs.
 Distance by triangulation A to B - - - - - 63.38 chs.
 Total distance to point B - - - - - 92.12 chs.
 Distance by return measurement - - - - - 11.92 chs.
80.20 chs.

- 80.20 Intersect N. and S. line 7 lks. N. of the true point
 the cor. of secs. 21, 22, 27, and 28.

Thence

N.89°54'W., on true line, bet. secs. 21 and 28.

Over very rough mountainous land, through dense timber
 and undergrowth. Descend abrupt W. slope.

- 30.00 Approx. dist., to bottom of canyon, course S.
 Ascend precipitous E. slope.

- 40.10 Set an iron post, 3 ft. long, 1 in. diam., over X
 cut in solid rock, and surrounded by mound of stone
 to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 21
 $\frac{1}{4}$ —
 S 28
 1930

from which

A fir, 12 ins. diam., bears S.64°00'W., 23 lks.

dist., mkd. $\frac{1}{4}$ S 28 B TA fir, 12 ins. diam., bears N.45°00'W., 45 links dist.
 mkd. $\frac{1}{4}$ S 21 B T

Ascend 585 ft. over steep E. slope.

- 50.90 Rim of mesa, bears N. and S. Thence over mesa land.

- 60.00 Top of spur, projects SW. Descend 25 ft.

- 78.50 Rim of mesa, bears N. and S.

- 80.20 The cor. of secs. 20, 21, 28, and 29.

Land, mountainous; general drainage and exposure S.

Soil, sandy loam and surface sandstone; 3rd rate.

SUBDIVISION OF T. 14 S., R. 18 E.

cont'd

Chains	Timber, juniper, pinon and fir. Undergrowth, service berry, oak, mahogany and sagebrush. Poor grazing.
	N.89°52'W., on true line, bet. secs. 20 and 29. From a point S.89°52'E., 1.88 chs. dist. from the corner of secs. 20, 21, 28, and 29, the witness cor. of secs. 20, 24, 25, and 29, which is 8.49 chs. distant South of the true cor. point on the W. bdy. is visible. The line to the west crosses deep canyon with precipitous slopes, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows: Erect flag A at this point, set flag B on line to the west. The witness cor. of secs. 20, 24, 25, and 29 bears S.82°42'W., and designated as C. Erect flag D northwesterly from A the mean distance of 4.871 chs. with no difference in measurement by two sets of chainmen. This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180°. The bearings were determined by deflection. The vertical angle from A to B is -23°. The vertical angle from A to C is -18°. Angles at point A are 58°28' and 65°55'. Angle at point B is 4°55'. Angle at point C is 4°02'. Angles at point D are 110°03' and 116°37'.
<p>Distance by triangulation A to B - - - - - 50.81 chs. Point A easting from sec. cor. - - - - - 1.88 chs. Total dist. on line to B - - - - - 48.93 chs. Dist. by chaining - - - - - 48.22 chs. 49.15 chs.</p> <p>Distance by triangulation from A to C - - - 65.59 chs. Equal to 65.06 chs. westing, and 8.34 chs. southing.</p> <p>Total westing by triangulation A to C - - - 65.06 chs. Point A easting from sec. cor. - - - - - 1.88 chs. Total distance on true line - - - - - 63.18 chs.</p>	

SUBDIVISION OF T.16 S., R. 18 E.

Chains	Therefore the true bearing and distance of the line bet. secs. 20 and 29 is N.89°52'W., 63.18 chs.
35.00	Approx. dist. to bottom of draw, course NW. Ascend precipitous E. slope.
40.00	Top point for the $\frac{1}{4}$ sec. cor., falls on inaccessible ledges. Impracticable to set cor.
48.93	Point B of triangulation.
49.15	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 20
 —————
 S 29
 1930

from which

A fir, 5 ins. diam., bears S.69°00'E., 30 lks.
dist., mkd. WC $\frac{1}{4}$ S 29 BT.

A fir, 11 ins. diam., bears N.10°00'W., 38 lks.
dist., mkd. WC $\frac{1}{2}$ S 20 B T.

Thence along precipitous N. slope.

50.00 Top of spur, projects N. Continue along precipitous N. slope.

63.18 Intersect the W. bdy. at the true point for the cor. of secs. 20, 24, 25 and 29.

Land, very rough and broken; general drainage and exposure N.

Soil, sandy loam with exposed surface sandstone; 3rd rate.

Timber, juniper, pinon and fir.

Undergrowth, service berry, oak and mahogany.

Poor grazing.

N.0°02'W., bet. secs. 20 and 21.

Over very rough and broken mountainous land, through medium growth of timber and undergrowth.

Ascend, 70 ft. over S. slope.

4.10 Rim of mesa, bears S.15°E., and N.15°W.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains	
9.00	Top of spur, projects NW.
10.53	<p>Rim of mesa bears SW. and NE.</p> <p>The line to the north descend over precipitous slope of canyon over which chaining is impracticable.</p> <p>Therefore to determine the distance I triangulate as follows:</p> <p>Erect flag A at this point, and set flag B on line to the north. Also set flag C easterly from A. The base line AC is 8.00 chs. dist., the mean of two set of chainmen</p> <p>by 1st set 7.999 chs. by 2nd set 8.001 chs.</p> <p>This was the longest practicable base line available. The angles were determined by three repetitions with the error balanced to 180°. The vertical angle from A to B is -35°.</p> <p>Angle at point A is $90^\circ 00'$ Angle at point B is $13^\circ 36'$ Angle at point C is $76^\circ 24'$</p> <p>Distance on line to point A-----10.53 chs. Distance by triangulation to B-----33.07 chs. Total distance on line to B-----43.60 chs. Distance by return measurement----- 3.60 chs. 40.00 chs.</p>
38.50	Approx. dist. to bottom of draw, course NW.
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <p>1 — S 20 S 21 1930</p> <p>from which</p> <p>A fir, 10 ins. diam., bears N.59°00'E., 23 lks. dist., mkd. $\frac{1}{4}$ S 21 B.T.</p>

SUBDIVISION OF T.16 S., R. 18 E.

Chains

A fir, 14 ins. diam., bears S.89°30'W., 5 lks.
dist., mkd. $\frac{1}{4}$ S 20 B T.

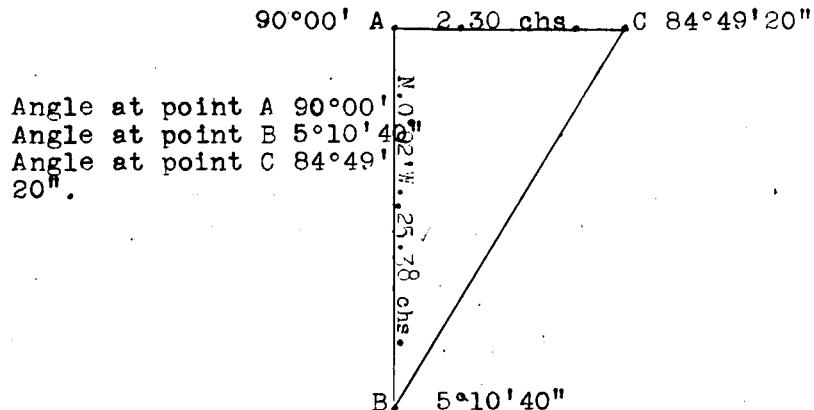
Ascend 55 ft. over S. slope.

43.60 Point B of triangulation. Top of spur, projects NW.

The line to the north crosses deep canyon, with
precipitous slopes over which chaining is impracticable.

Therefore to determine the distance I triangulate as
follows:

Erect flag A on line to the north, also set flag C
northeasterly from B. The mean distance of the base
line AC is 2.30 chs. with no difference in measurement
by two set of chainmen. This was the longest practic-
able base line available. The angles were determined
by three repetitions with the error balanced to 180°.
The vertical angle from B to A is plus 9°15'.



Distance on line to point B-----43.60 chs.
Distance by triangulation B to A-----25.38 chs.
Total distance on line to A-----68.98 chs.

55.00 Approx. dist. to bottom of canyon, course W.

68.98 Point A of triangulation. Ascend 60 ft. over S. slope.

70.50 Top of spur, projects SW. Descend precipitous N. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
the ground, to solid rock, and surrounded by mound of
stone to the top, for the witness cor. of secs. 16,
17, 20 and 21, with brass cap mkd.

W C
T16S R18E
S17 S16
S20 S21
1930

from which

SUBDIVISION OF T.16 S., R. 18 E.

anterior

Chains	<p>A fir, 10 ins. diam., bears N.$31^{\circ}15' E.$, 104 lks. dist., mkd. WC T 16 S R 18 E S 16 B T.</p> <p>A mahogany, 3 ins. diam., bears S.$85^{\circ}15' E.$, 13 lks. dist., mkd. B T.</p> <p>A fir, 8 ins. diam., bears S.$75^{\circ}45' W.$, 44 lks. dist. mkd. WC T 16 S R 18 E S 20 B T.</p> <p>A mahogany 3 ins. diam., bears N.$75^{\circ}00' W.$, 54 lks. dist., mkd. B T.</p>
80.00	<p>True point for the cor. of secs., 16, 17, 20 and 21, falls on precipitous N. slope where it is impracticable to set cor.</p> <p>Land, very rough and mountainous; general drainage and exposure SW.</p> <p>Soil, sandy loam with exposed surface sandstone; 3rd rate.</p> <p>Timber, juniper, pinon and fir.</p> <p>Undergrowth, service berry, oak and mahogany.</p> <p>Poor grazing.</p>
32.45	<p>From the witness cor. for secs. 16, 17, 20 and 21. S.$89^{\circ}54' E.$, on offset random line bet. sec. 16 and 21. Thence N.$0^{\circ}02' W.$, 9.50 chs. dist. to a point on random line. Thence S.$89^{\circ}54' E.$, on random line with continuous measurement.</p>
40.00	Set. temp. $\frac{1}{4}$ sec. cor.
80.26	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 15, 16, 21 and 22.
	Thence N. $89^{\circ}58' W.$, on true line bet. secs. 16 and 21. Over rolling mountainous land, through dense undergrowth.
	Ascend 90 ft. over NE. slope.
9.10	Top of divide, bet. Chandler and Florence Canyons, bearing N. and S. Descend 50 ft. over NW. slope.

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Chains

40.13

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, and surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \text{S 16} \\ \frac{1}{4} \hline \text{S 21} \\ 1930 \end{array}$$

and raise mound of stone, 3 ft. base, 2 ft. high, N. of the cor. Continue descent of 15 ft. over NW. slope.

47.81

Rim of mesa, bears N. and S. Enter heavy timber, bearing N. and S.

The line to the west, descends over precipitous W. slope over which chaining is impracticable. Therefore I run on offset as follows:

S.0°02'E., 9.50 chs. dist. Thence

N.89°58'W., on offset line to. (Descend 960 ft.)

80.26

Intersect the witness cor. of secs. 16, 17, 20 and 21.

Land, mountainous; general drainage and exposure N.

Soil, sandy loam and surface sandstone; 3rd rate.

Timber, juniper, pinon and fir.

Undergrowth, mahogany, service berry, oak and sage-brush.

Fair grazing.

From the witness cor. of secs. 16, 17, 20 and 21.

The true line bet. secs. 17 and 20 is inaccessible crossing deep canyon over which chaining is impracticable. Therefore to determine the distance I triangulate on offset line as follows:

Erect flag A at the witness cor. of secs. 16, 17, 20 and 21, and set flag B to the west, and erect flag C northwesterly from A. The mean distance of the base line BC is 9.50 chs.

by 1st set of chainmen 9.499 chs.
by 2nd set of chainmen 9.501 chs.

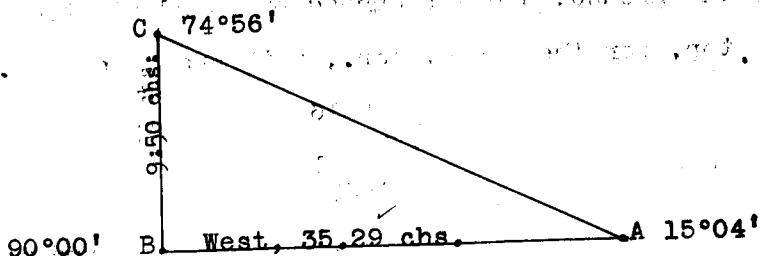
This was the longest practicable base line available.

The angles were determined by three repetitions with

SUBDIVISION OF T. 16 S., R. 18 E.

Chains

the error balanced to 180° . The vertical angle from A to B is $-9^\circ 30'$.



Angle at point A is $15^\circ 04'$

Angle at point B is $90^\circ 00'$

Angle at point C is $74^\circ 56'$

Distance by triangulation A to B is 35.29 chs.

Thence N.0°02'W., 9.50 chs. dist. to

35.29

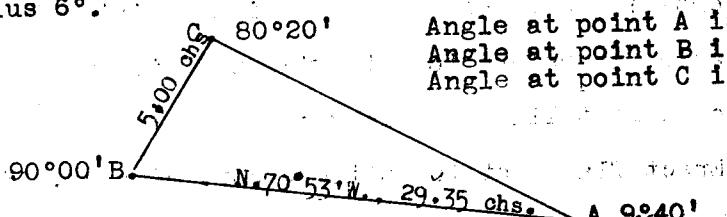
Point on random line, west bet. secs. 17 and 20.

Set temp. $\frac{1}{4}$ sec. cor. the true point for temp. is inaccessible.

The line to the west crosses deep inaccessible canyon over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

The witness cor. for secs. 13, 17, 20 and 24., on the W. bdy. is visible, which I designate as B. Erect flag A at the 35.29 chs. point. From A, B bears N. $70^\circ 53'$ W., also set flag C on northwesterly from A. The mean distance of the base line BC is 5.00 chs. with no difference in measurement by two set of chainmen.

The angles were determined by three repetitions with the error balanced to 180° . The bearing was determined by deflection. The vertical angle from A to B is plus 6° .



Angle at point A is $9^\circ 40'$
Angle at point B is $90^\circ 00'$
Angle at point C is $80^\circ 20'$

Distance by triangulation from A to B is 29.35 chs.

on bearing of N. $70^\circ 53'$ W., equals 27.73 chs. westing and 9.61 chs. northing.

Distance on line to A ----- 35.29 chs
Distance by triangulation (westing) 27.73 chs
Distance by triangulation (northing) 9.61 chs
Total distance 63.02 chs

Therefore the true bearing and distance of the line

SUBDIVISION OF T.16 S., R. 18 E.

Chains	bet. secs. 17 and 20, is N.89°51'W., 63.02 chs. Thence S.89°51'E., on true line bet. secs. 17 and 20. Counting distance from the true point for the cor. of secs. 13, 17, 20 and 24, giving distance to topography on the true line. Over very rough and broken mountainous land, through heavy timber and dense undergrowth.
13.00	Approx. dist. to bottom of canyon, course S.
23.02	True point for the $\frac{1}{4}$ sec. cor., falls on precipitous slope where it is impracticable to set cor.
27.73	Set an iron post, 3 ft. long, 1 in. diam., over X cut in solid surface rock, and surrounded by mound of stone to the top, for the witness $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 17 WC $\frac{1}{4}$ ————— S 20 1930
	from which
	A pinon, 8 ins. diam., bears N.42°00'E., 66 lks. dist., mkd. WC $\frac{1}{4}$ S 17 B T.
	A pinon, 3 ins. diam., bears S.35°00'W., 20 lks. dist., mkd. B T.
	This cor. stands on top of spur, projects S. Descend abrupt E. slope.
43.00	Approx. dist. to bottom of canyon, course S. Ascend precipitous W. slope.
63.02	The true point for the cor. of secs. 16, 17, 20 and 21. Land, very rough and broken mountains; general drainage and exposure W.. Soil, sandy loam with sandstone surface rock; 3rd rate. Timber, pinon, juniper and fir. Undergrowth, mahogany, service berry and oak. Poor grazing.
	N.0°02'W., bet. secs. 16 and 17. From the witness cor. of secs. 16, 17, 20 and 21, counting dist. from the true cor. point.

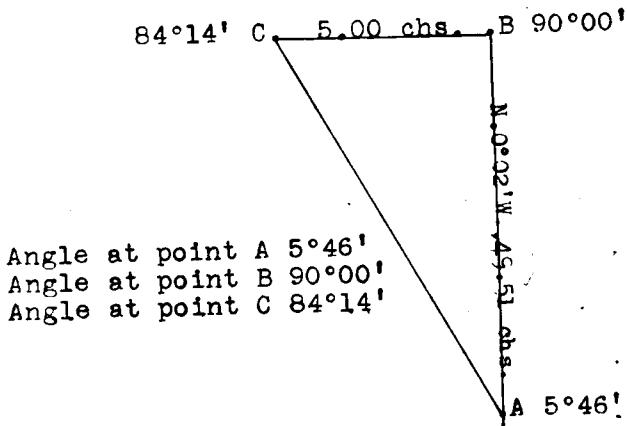
SUBDIVISION OF T. 16 S., R. 18 E.

Chains

Over very rough mountainous land, through heavy timber and dense undergrowth.

The line to the north descends over precipitous N. slopes and crosses canyon, over which chaining is impracticable. Therefore to determine the distance I triangulate as follows:

Erect flag A at the witness cor. of secs. 16, 17, 20 and 21, and set flag B on line to the north. Also set flag C northwesterly from A. The mean distance of the base line BC is 5.00 chs. with no difference in measurement by two set of chainmen. The angles were determined by three repetitions with the error balance to 180° . The vertical angle from A to B is plus $3^\circ 30'$. BC was the longest practicable base line available.



Distance by triangulation from A to B-----	49.51 chs.
Distance wit. cor. S. of true point-----	9.50 chs.
Total distance on line to B-----	40.01 chs.
Distance by return measurement-----	0.01 chs.
	40.00 chs.

- | | |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| .10.00 | Approx. dist. to bottom of canyon, course SW. |
| 20.00 | Approx. dist. to top of spur, projects SW. |
| 39.20 | Small spring in bottom of draw. course SW. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in
the ground to solid rock, and surrounded by mound of
stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap
mkd. |

$\frac{1}{4}$
S 17 | S 16

1930

from which

SUBDIVISION OF T. 16 S., R. 18 E.

Chains

- 889' fir, 32 ins. diam., bears S.43°00'W., 44 lks.
dist., mkd. $\frac{1}{4}$ S 17 B T.
- A fir, 10 ins. diam., bears N.82°00'E., 174 lks.
dist., mkd. $\frac{1}{4}$ S 16 B T.
- 40.01 Point B of triangulation.
Ascend broken W. slope, 550 ft. to the sec. cor.
- 55.40 Rim of mesa, bears N. 5 chs. thence SW. and SE. Leave timber, bears NW. and SE. Thence over rolling mountain land.
- 59.30 Top of spur, projects W.
- 62.30 Bottom of draw, course W.
- 69.20 Top of spur, projects W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 8, 9, 16 and 17, with brass cap mkd.
- | |
|-------------|
| T16S R18E |
| S 8 S 9 |
| ----- ----- |
| S17 S16 |
| 1930 |
- and raise mound
of stone, 3 ft. base, 2 ft. high, W. of the cor.
Land, mountainous; general drainage and exposure SW.
Soil, sandy loam and surface sandstone; 3rd rate.
Timber, juniper, pinon and fir.
Undergrowth, mahagony, service berry, oak and sagebrush.
Fair grazing.
-
- S.89°58'E., on random line bet. secs. 9 and 16.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.32 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 9, 10, 15 and 16.
Thence
- S.89°58'W., on true line bet. secs. 9 and 16.
Over rolling mountainous land, through dense undergrowth.
Ascend 10 ft. over NE. slope.
- 2.00 Top of spur, projects NE. Descend 25 ft.
- 23.90 Bottom of draw, course N.

SUBDIVISION OF T.16 S., R. 18 E.

arcs

Chains 23.90	Trail, bears N. and S. in bottom of draw. Ascend 25 ft.
26.00	Top of spur, projects NE. Descend 25 ft.
31.50	Bottom of draw, course N. Ascend 75 ft.
38.00	Top of spur, projects N.
40.16	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with sandstone, 8 x 6 x 4 ins. mkd. X deposited at the base, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \text{S } 9 \\ \frac{1}{4} \text{ ---} \\ \text{S } 16 \\ 1930 \end{array}$$

45.20	Bottom of draw, course NE. Ascend 95 ft.
71.10	Top of divide bet. Chandler and Florence Canyons, bears N. and S. Descend 85 ft.
80.32	The cor. of secs. 8, 9, 16 and 17. Land, mountainous; general drainage and exposure N. Soil, sandy loam with surface sandstone; 2nd rate. Timber, none. Undergrowth, service berry, oak and sagebrush. Good grazing.

N.89°51'W., on random line bet. secs. 8 and 17.

40.00	Set temp. $\frac{1}{4}$ sec. cor.
40.05	The line to the west, descends over precipitous W. slope, over which chaining on true line is impracticable. Therefore to determine the distance I run on offset as follows:
62.84	South, 9.82 chs. dist., thence N.89°51'W., on offset line, 22.79 chs. to (Westing) Intersect the witness cor. of secs. 8, 12, 13 and 17, heretofore described. Thence From the witness cor. of secs. 8, 12, 13 and 17, S.89°51'W., on offset line bet. secs. 8 and 17. Over rough mountainous land, through dense undergrowth Ascend 170 ft. over W. slope.

SUBDIVISION OF T.16 S., R. 18 E.

Chains 22.79	Thence North, 9.82 chs. dist., to point on true line. Thence S.89°51'E., on true line bet. secs. 8 and 17.
22.84	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to solid rock surrounded by mound of stone to the top, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 8 S 17 1930
	from which
	A fir, 7 ins. diam., bears N.19°00'E., .94 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
	A fir, 4 ins. diam., bears S.30°00'W., 87 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.
29.30	Top of spur. projects NW. Ascend 20 ft. to rim of mesa.
34.00	Small draw, course NW.
37.10	Rim of mesa, bears N. and S. Leave timber; bears N. and S. Ascend 100 ft. over W. slope.
43.00	Top of spur, projects N. Descend 185 ft. over NE. slope to the sec. cor.
49.60	Trail, bears N. and S.
62.84	The cor. of secs. 8, 9, 16 and 17. Land, mountainous; general drainage and exposure N. Soil, sandy loam with surface sandstone; 3rd rate. Timber, fir. Undergrowth, mahogany, service berry, oak and sagebrush. Fair grazing.
	N.0°02'W., bet. secs. 8 and 9.
	Over mountainous land, through dense undergrowth. Ascend 90 ft. over SW. slope.
31.40	Top of ridge, bears NE. and SW. Descend 25 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 8 S 9 1930

and raise mound

SUBDIVISION OF T.16 S., R. 18 E.

Chains	of stone, 3 ft. base, 2 ft. high, W. of the cor. of sec. 9. Descend 65 ft. over N. slope.
45.20	Bottom of draw, course NE. Ascend 15 ft.
51.20	Top of spur, projects NE. Descend 25 ft.
56.10	Bottom of draw, course NE. Ascend 10 ft.
73.60	Top of spur, projects NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, with sandstone 5 x 4 x 3 ins. mkd. with X deposited at the base, and surrounded by mound of stone to the top, for the cor. of secs. 4, 5, 8 and 9. with brass cap mkd.

T16S R18E

'S 5 S 4

S 8 S 9

1930

Land, rolling mountains; general drainage and exposure.
Soil, gravelly loam, with exposed sandstone; 3rd rate.
Timber, none.
Undergrowth, oak and sagebrush.
Good grazing.

	N.89°58'E., on random line bet. secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.38	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 3, 4, 9 and 10. Thence
	S.89°56'W., on true line bet. secs. 4 and 9. Over rolling mountainous land, through dense undergrowth. Ascend 5 ft. over E. slope.
6.20	Top of spur, projects N. Descend 50 ft.
15.50	Bottom of draw, course N. Ascend 110 ft.
36.20	Top of spur, projects N.20°00'E. Descend 25 ft.
40.19	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 4

S 9

1930

and raise mound

SUBDIVISION OF T.16 S., R. 18 E.

Chains

of stone, 3 ft. base, 2 ft. high, N. of the cor.
 Continue descent of 25 ft.

43.80 Bottom of draw, course NE. Ascend 225 ft. over NE. slope.

77.00 Top of spur, projects NE.

80.38 The cor. of secs. 4, 5, 8 and 9.
 Land, rolling mountains; general drainage and exposure NE.
 Soil, black gravelly loam; 2nd rate.
 Timber, none.
 Undergrowth, oak and sagebrush.
 Good grazing.

N.89°51'W., on random line bet. secs. 5 and 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 62.68 Intersect the W. bdy., 3 lks. S. of the cor. of secs. 1, 5, 8 and 12, heretofore described.
 Thence
 S.89°50'E., on true line bet. secs. 5 and 8.
 Ascend 135 ft. over W. slope through heavy timber and dense undergrowth.
 6.40 Rim of mesa, bears NW. and SE. Continue ascent. Leave timber, bears NW. and SE.
 16.80 Top of spur, projects NE. Descend 15 ft.
 22.68 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 5
 $\frac{1}{4}$ _____
 S 8
 1930

and raise mound of stone, 3 ft. base, 2 ft high, N. of the cor.
 Continue descent of 10 ft.
 27.80 Bottom of draw, course NE. Ascend 10 ft.
 33.00 Top of spur, projects N. Descend 35 ft.
 62.68 The cor. of secs. 4, 5, 8 and 9.
 Land, mountainous; general drainage and exposure NE.
 Soil, black gravelly loam; 2nd rate.
 Timber, fir, juniper and pinon.

SUBDIVISION OF T. 16 S., R. 18 E.

Chains	Undergrowth, oak, mahogany, service berry and sagebrush. Good grazing.
	N. 0°02' W., bet. secs. 4 and 5.
	Over mountainous land, through dense undergrowth.
	Descend 115 ft. over W. slope.
29.20	Bottom of draw, course NE. Ascend 45 ft.
37.25	Intersect the 3rd Stand. Par. S., East, 11.89 chs. dist from the Stand. cor. of T. 15 S., Rs. 17 and 18 E., heretofore described. At point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock, with sandstone 10 x 8 x 4 ins mkd. X deposited at the base, and surrounded by mound of stone to the top, for the closing cor. of secs. 4 and 5, T. 16 S., R. 18 E., with brass cap mkd.
	T15S R18E S 31
	S 5 S 4 T16S R18E C C 1930
	Land, mountainous; general drainage and exposure NE. Soil, black gravelly loam; 2nd rate. Timber, none. Undergrowth, oak and sagebrush. Good grazing.
	FINAL TEST OF INSTRUMENT. October 5th, 1930: In camp near the SE. corner of at 9h.a.m.app.t. the township, I set off 39°23' N. on the lat arc, 4°36' S on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation. At 3h p.m. app.t., I set off 39°23' N. on the lat arc; 4°42' S. on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

GENERAL DESCRIPTION T.16 S., R. 18 E.

The land embraced in Township 16 South, Range 18 East, is rolling mountains on top of the mesa rim, and very rough and broken slope with deep canyons below the rim. It ranges in elevation from approximately 5,000 ft. in the bottom of the canyons to 8,000 ft. on top of the mesa rim. The southwesterly portion of the township is very rough and broken, with general drainage and exposure to the southwest. This portion is covered with medium growth of timber and undergrowth, of no commercial value except for fence post and fire wood. The undergrowth consists of mahogany, service berry and oak brush. The entire portion under the rim is inaccessible to livestock for grazing.

The top or mesa land is locally known as Moonwater Point, is covered with dense growth of sagebrush, oak and service berry brush, with medium growth of bunch grass, and affords excellent grazing for livestock during the summer months. There is sufficient water from the several springs and creeks to make the entire "Moonwater Point accessible to grazing.

I approximate that 2000 head of sheep and 50 head of horses and cows are summered on this township.

The soil, on top of the mesa is a black gravelly loam with some exposed sandstone surface rock. On the slope and in the canyons the soil is sandy loam, with a great deal of exposed sandstone, with many ledges and stretches of slide rock.

There are no permanent residents on this township, but much work has been done at several of the springs, by putting in tin watering troughs, and making ponds for stock watering.

The nearest post office is Ouray Utah, approximately 50 miles northeast.

There was no evidence of mineral.

The magnetic declination was not taken on account of defective needle.

GENERAL DESCRIPTION T. 16 S. R. 18 E.

Location of principal springs suitable for stock watering.

SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 35.
NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 35.
NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24.
SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24.
NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 14.
SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10.
SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 10.
NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10.
NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3.

Location of creeks with water suitable for stock watering.

Moonwater Creek : from NE $\frac{1}{4}$ of NW $\frac{1}{4}$ sec. 24, northerly through sec. 13, 12, 11 and 2.

Pinto Canyon: From NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of sec. 24 northerly through sec. 24 and joins Moonwater Canyon in sec. 13.

Deep Canyon: from the NW $\frac{1}{4}$ of SW $\frac{1}{4}$ sec. 14 northerly through sec. 14 and joins Moonwater Canyon near the north boundary of sec. 11.

BOOK A-512

4-680
(August, 1926)

FIELD ASSISTANTS.

CERTIFICATE OF UNITED STATES SURVEYOR

I, Chas. F. Moore, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for District No. 6, bearing date of the 10th day of April, 1929, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of T. 16 S., R. 18 E.

of the Salt Lake

Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for District No. 6, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Salt Lake City Utah Chas. F. Moore U.S. Surveyor
April 2nd 1932.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo. DEC 13 1938, 19

The foregoing field notes of the survey of T. 16 S., R. 18 E.

executed by Chas. F. Moore

under his special instructions dated April 10th, 1929, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.


J. W. Johnson
U. S. Supervisor of Survey

I certify that the foregoing transcript of the field notes of the above-described survey is
has been correctly copied from the original notes on file in this office.

J. W. Johnson
U. S. Supervisor of Survey

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4-679
(April 1938)

BOOK A-512

FIELD NOTES

OCT 2 6 1934

Department of the Interior
Public Survey Office
Salt Lake City, Utah

DEPENDENT RESURVEY OF

PORTION OF NORTH BOUNDARY, AND PORTION OF SUBDIVISION, AND
REESTABLISHMENT OF $\frac{1}{4}$ SEC. CORNERS ALONG 2ND STAN. PAR. SOUTH,

AND THE SURVEY OF

THE WEST BOUNDARY AND PORTION OF THE SUBDIVISION,

ALL OF

T. 10 S., R. 7 W.

AND THE

RETRACEMENT OF PORTION OF SOUTH BOUNDARY OF T. 9 S., R. 8 W.

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Ralph Gentry, Cadastral Engineer.

Under special instructions dated February 28, 1931, which provided
the surveys included under Group No. 227, bearing the approval of the
Commissioner of the General Land Office under date of June 13, 1931
and assignment instructions dated October 14, 1932, and
supplemental assignment instructions, dated May 19, 1933.

Survey commenced November 8, 1932.

Survey completed June 9, 1933.

BOOK A 512

INDEX DIAGRAM.

Township		10 South.				Range			7 East.	
5	3	1	2	3	4	5	6	7	8	9
32	6	25	5		4		8		2	1
	41									
30	7	23	8	14	9		10		11	12
	40		22		13		10			
29	18	21	17	36	16	9	15		14	18
	39	21	20	35	35	9				
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	39	18		18	13	12				
27	20	16	29		28	7	27		26	25
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26	21		28	33	28	6	24		25	26
	37	42		43						

DESCRIPTION AND TEST OF INSTRUMENTS

T. 10 S., R. 7 W., SALT LAKE MERIDIAN

Chains

Survey commenced November 8, 1932, and executed with a Buff and Buff solar transit No. 8028, property of the General Land Office; the instrument is equipped with a full vertical circle and the Smith solar attachment; the horizontal limb is provided with two double verniers placed opposite to each other and read to single minutes of arc, which is also the least count of the verniers of the vertical circle, the latitude and declination arcs. All azimuth determinations are accomplished with the solar attachment except the special observations upon Polaris for meridian upon which to test the solar apparatus as stated in the field notes.

The instrument was approved for use on this survey by the district cadastral engineer for Utah in assignment instructions dated Oct. 14, 1932, and in supplemental assignment instructions dated May 19, 1933, conditional upon satisfactory field tests.

The geographic position of the southwest corner of the township is approximately as follows:- longitude $112^{\circ} 41'$ W., latitude $39^{\circ} 54'N.$

Nov. 8, 1932, at my camp, located in the NE cor. of sec. 32, T. 10 S., R. 7 W., approximate longitude $112^{\circ} 39'W.$, latitude $39^{\circ} 55'N.$, I examine the adjustments of the instrument and correct all errors. I, then test the solar apparatus by comparing its indications hourly with the true meridian established by Polaris observations as follows:-

At 5h 16m 34s p.m., l.m.t., I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, marking the mean point in the line thus determined on a stake driven firmly in the ground about 10 chs. north.

Watch time of observation, 5h 47m 10s p.m. Watch corrected to 105th standard meridian time by comparison with a Western Union clock at Delta, Utah on Nov. 5, 1932.

Nov. 9, 1932, I lay off the azimuth of Polaris, $1^{\circ} 21'$ to the west, and note a tree on a ridge about 1 mile to the north in the meridian.

At 9 h.a.m., app. t., I set off $39^{\circ} 55'N.$ on the lat. arc; $16^{\circ} 54'S.$, on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $16^{\circ} 57'S.$, which agrees with the computed declination of the sun.

To verify the latitude and the time, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude, -----	$33^{\circ} 08'$
Reduced latitude -----	$39^{\circ} 55'N.$
Mean watch time of observation -----	12h 14m 28s
Watch fast of local mean time -----	30m 32s

At 3h p.m., app. t., with the lat. arc unchanged, I set off $16^{\circ} 58'S.$, on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

DESCRIPTION AND TEST OF INSTRUMENTS

T. 10 S., R. 7 W., SALT LAKE MERIDIAN

Chains

Field work was discontinued on Dec. 1, 1932, and resumed on May 30, 1933, at which time I test the instrument as follows:-

May 30, 1933, at my camp located in the NE cor. of sec. 32, T. 10 S., R. 7 W., I examine the adjustments of the instrument and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by Polaris observations as follows:-

At 5h 15m 40s a.m., l.m.t., I make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, marking the mean point in the line thus determined on a stake driven firmly in the ground about 10 chs. north.

Watch time of observation, 5h 46m 26s a.m., which was corrected for 105th meridian time by comparison with Western Union clock at Salt Lake City, Utah on May 29,

I lay off the azimuth of Polaris, $1^{\circ} 10'$ to the west, and note a tree in the meridian, about a mile to the north.

At 8h a.m., app. t., I set off $39^{\circ} 55'N.$ on the lat. arc $21^{\circ} 47'N.$ on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $21^{\circ} 48'N.$, which agrees with the computed decl. of the sun.

At 4 h. p.m., app. t., with the lat. arc unchanged, I set off $21^{\circ} 50'N.$ on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations during the usual hours of solar work come within 1' of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Conditions permitting, I tested the arcs daily by noon observations, and verified the meridional indications of the solar apparatus at frequent intervals throughout the survey.

The observed magnetic declination is $16^{\circ} 45'E.$

MEASUREMENTS

Unless otherwise specified all measurements were made with a Lallie steel tape, 5 chains in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The tape was tested by comparison with a Lufkin standard steel tape 1 chain long and found correct. The measurements were made on the slope, and the vertical angle of each interval determined with the improved Keuffel and Esser clinometer in good adjustment, and the slope measurements properly reduced to true horizontal distances.

**INDEPENDENT SURVEY OF
PORTION OF NORTH BOUNDARY OF T. 10 S., R. 7 W.**

The retracement data of the resurveyed portion of this township were submitted for office examination. To simplify the record, the true line notes only are supplied.

Reestablishment of Surveys executed by
A. J. Stewart, Jr., U. S. Deputy Surveyor, in 1872.

From the corner of secs. 5, 6, 31, and 32, on N. bdy. of township, which is a lava stone, 16x14x6 ins., set in old mound of stone, and marked 1 notch on W., and 5 notches on E. face, alongside of which

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock, and in mound of stone to top, with brass cap marked

T9S	R7W
S31	S32
<hr/>	
S6	S5
T10S	
1932	

from which

A juniper, 4 ins. diam., bears N.37°30'E., 85 lks. dist., marked BT only.

A juniper, 3 ins. diam., bears S.39°30'E., 51 lks. dist., marked BT only.

A juniper, 4 ins. diam., bears S.71°W., 41 lks. dist., marked BT only.

A juniper, 4 ins. diam., bears N.59°W., 104 lks. dist., marked BT only.

Thence

West, between sections 6 and 31.

Over rolling S. slope, through scattering juniper timber, and medium dense sagebrush undergrowth.

1.10 Corner of barbed wire fence, 4 strands, bears N. and S. 75°E.

8.01 Intersect a quartzite stone, 18x12x6 ins., lying loose on the ground, and marked 1 notch on one edge, and 5 notches on opposite edge. Origin of this corner monument is unknown. I destroy this corner.

Ascend over rolling SE. slope; entering very scattering juniper timber, bears N. and SE.

22.00 Low spur, 100 ft. above section corner, projects N.20°E.; descend NW. slope.

30.40 Ravine, 85 ft. below spur, course N.20°E.; ascend steep E. slope.

40.01 On E. slope, 170 ft. above ravine.

The original 1/4 section corner, which is a quartzite, 20x18x8 ins., firmly set in the ground, and marked 1/4 on N. face. No evidence of the bearing trees could be found.

This corner is changed to refer to section 31, only; alongside of stone monument.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in

DEPARTMENT OF THE INTERIOR
PORTION OF NORTH BOUNDARY OF T. 10 S., R. 7 W.

Chains

the ground, for $\frac{1}{4}$ sec. corner of sec. 38, only, with brass cap marked

S 31

1932

from which

A juniper, 24 ins. diam., bears N.82°E., 145 lks.
dist., marked $\frac{1}{4}$ S31 BT

No other suitable bearing tree available? Raise a mound
of stone, 3 ft. base, 2 ft. high, N. of corner,

Thence

N.89°49'W., between sections 6 and 31, with continuous
measurement.

45.00 Spur, 160 ft. above $\frac{1}{4}$ sec. corner, slopes N.20°E.;
descend NW. slope.

48.00 Head of draw, 25 ft. below spur, drains N.20°E.;
ascend NE. slope.

50.43 Easting of 40.00 chs. from the closing corner of
T. 10 S., Rs. 7 and 8 W.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground, for $\frac{1}{4}$ sec. corner, of sec. 6, only, with
brass cap marked

S 6

1932

raise a mound
of stone, 3 ft. base, 2 ft. high, S. of corner.

55.50 Spur, 90 ft. above draw, projects N.20°E.;
descend along N. slope.

60.00 Head of draw, 20 ft. below spur, drains N.20°E.; ascend.

66.50 Spur, 190 ft. above draw, projects N; descend NW. slope.

80.33 The original corner of Ts. 9 and 10 S., Rs. 7 and 8 W.,
which is a quartzite, 20x16x6 ins., set in old mound
of stone, and marked 5 notches on N., E., S., and W.
edges, from which

A juniper, (dead) 14 ins. diam., bears N.70°E., 34
lks. dist., marked with a notch.

A juniper, 36 ins. diam., bears S.52°E., 32 lks.
dist., marked with a notch.

A juniper, 36 ins. diam., bears S.3°W., 37 lks.
dist., marked with a notch.

A juniper, 26 ins. diam., bears N.51°W., 28 lks.
dist., marked with a notch.

The notches on the above trees were the only marks that
could be found. These notches appeared to be old
markings.

This corner is changed to refer to T. 9 S., Rs. 7 and 8
W., only. I destroy the marks pertaining to T. 10 S.,
Rs. 7 and 8 W., and alongside of stone monument,

DEPARTMENTAL SURVEY OF
PORTION OF NORTH BOUNDARY OF T. 10 S., R. 7 W.

Chains	Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for corner of T. 9 S., Rs. 7 and 8 W., only, with brass cap marked
--------	---------------------------------------------------------------------------------------------------------------------------------------------

T9S
R8W R7W
S36 | S31
T10SR7W
S6
1932

from which

A juniper, 24 ins. diam., bears N.87°E., 75 lks.
dist., marked T9S R7W S31 BT

A juniper, 26 ins. diam., bears N.76°30'W., 26 lks.
dist., marked T9S R8W S36 BT

Land, rolling hills and mountainous; NE. exposure.

Soil, rocky, sandy loam; 3rd rate.

Timber, juniper.

Undergrowth, medium dense sagebrush; medium growth
of grass and weeds.

Good grazing land.

RETRACEMENT OF
PORTION OF SOUTH BOUNDARY OF T. 9 S., R. 8 W.

From the corner of T. 9 S., Rs. 7 and 8 W.

West, along S. bdy. of sec. 36, on retracement line.

Descend NW. slope over mountainous land, through medium
dense timber, and scattering undergrowth.

3.00 Ravine, 30 ft. below township corner, drains NE.; ascend.

13.00 Spur, 270 ft. above ravine, projects N.30°E.;
descend NW. slope.

26.00 Spur, slopes N.; descend SW. slope.

40.56 Fall 31 lks S. of the original $\frac{1}{4}$ section corner, which
is a limestone, 18x18x12 ins., marked $\frac{1}{4}$ on N. face, and
set in old mound of stone.

The course of this half mile, therefore, is N.89°33'W.,
and the distance is 40.56 chm.

Land, mountainous; NE. exposure.

Soil, shallow, rocky loam; limestone formation.

Timber, juniper.

Undergrowth, sagebrush.

Fair grazing land.

DEPARTMENT OF
INTERIOR
PORTION OF SUBDIVISION OF T. 10 S. 20th R. 7 W.

aniso.

Chains	Reestablishment of Survey executed by A. J. Stewart, Jr., U.S. Deputy Surveyor, in 1872.	
	From the standard corner of secs. 33 and 34, on S. bdy. of Tp., which is an iron post, 3 ft. long, 3 ins. diam., set, marked and witnessed as described on the official records.	
	N.1°10' E., between secs. 33 and 34.	
	Over rolling hills, through medium dense juniper timber, and undergrowth of sagebrush; ascend SE. slope.	
2.00	Spur, 40 ft. above section corner, projects E.; desc. N. slope	
15.30	Draw, 60 ft. below spur, drains S.70°E.; thence over rolling E. slope.	
38.56	On gentle E. slope.	
	Southing of 40.00 chm. from the corner of secs. 27, 28, 33 and 34.	
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. corner of sec. 33, only, with brass cap marked	
	 S33 1932 from which	
	A juniper, 6 ins. diam., bears S.10°W., 91 lks. dist., marked $\frac{1}{4}$ S33 BT	
	A juniper, 6 ins. diam., bears N.56°W., 29 lks. dist., marked $\frac{1}{4}$ S33 BT	
39.28	Proportionate point.	
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 34, only, with brass cap marked	
	 S34 1932 from which	
	A juniper, 4 ins. diam., bears N.21°30'E., 93 lks. dist., marked BT only.	
	A juniper, 4 ins. diam., bears S.64°E., 40 lks. dist., marked BT only.	
41.80	Old wood road, bears NE. and SW.	
78.56	The corner of secs. 27, 28, 33, and 34, which is a quartzite, 18x7x5 ins., firmly set in the ground, unwitnessed, and marked 3 notches on E. edges, 5 notches on N. edges, alongside of which note is known to no one	
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with brass cap marked	
	 S33 S34 regular 1932 from which	
	 S33 S34 regular 1932 from which	

DEPENDENT RESURVEY OF

PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains

- A juniper, 4 ins. diam., brs. N. 55° E., 60 lks.
dist., marked (BT) only.
- A juniper, 4 ins. diam., brs. S. 61° E., 68 lks.
dist., marked (BT) only.
- A juniper, 14 ins. diam., brs. S. 70° 30' W., 19 lks.
dist., marked T 10 S. R 7 W S 33 B T.
- A juniper, 4 ins. diam., brs. N. 30° W., 55 lks.
dist., marked (BT) only.

Land, gently rolling and rolling hills; E. exposure.
Soil, shallow rocky loam; 3rd rate.
Timber, medium dense growth of juniper.
Undergrowth, medium dense sagebrush; medium growth of
grass and weeds.
Good grazing land.

N. 0° 15'E., bet. secs. 27 and 28.

Over rolling land, sloping E., through medium dense timber
and undergrowth of sagebrush.

40.00 Draw, drains E.; leave timber, brs. E. and W.

41.33 The $\frac{1}{2}$ sec. cor., which is a quartzite, 12 x 10 x 9 ins.,
firmly set in the ground and in mound of stone, marked
 $\frac{1}{2}$ on W. face.

Thence

N. 0° 13'W., with continuous measurement.

81.50 Wash, 1 ch. wide, 4 ft. deep, drains SE.; enter timber.

83.63 The cor. of secs. 21, 22, 27, and 28, which is a quartzite,
18 x 8 x 6 ins., firmly set in the ground, witnessed,
and marked 3 notches on E., and 2 notches on S. edge,
alongside of which

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in
the ground to solid rock, and in a mound of stone to top,
with brass cap marked

T10S	R7W
S21	S22
S28	S27

1932

from which

A juniper, 6 ins. diam., brs. N. 46° E., 67 lks.
dist., marked "BT" only. tree too scrubby for additional
markings.

A juniper, 3 ins. diam., brs. S. 45° E., 183 lks.
dist., marked "BT" only.

A juniper, 10 ins. diam., brs. S. 43° W., 36 lks.
dist., marked T 10 S R 7 W S 28 B T.

A juniper, 12 ins. diam., brs. N. 30° 30' W., 80 lks.
dist., marked "BT" only. Tree, too scrubby for other
markings.

Land, rolling; E. exposure and drainage.
Soil, rocky, sandy loam; 2nd and 3rd rate.

DEPARTMENT OF THE INTERIOR
U. S. GEOGRAPHIC SURVEY
PORTION OF SUBDIVISION OF T. 10 S. R. 7 W.

SURVEY

Chains	<p>Timber, scrub juniper. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.</p> <p>N. 0° 15' E., bet. secs. 21 and 22.</p> <p>Over rolling land, through medium dense juniper timber, and undergrowth of sagebrush.</p> <p>Wash, 50 lks. wide, 3 ft. deep, drains SE.</p> <p>Foot of rolling hills, brs. NW. and SE.; ascend SW. slope.</p> <p>Spur, 220 ft. above sec. cor., projects S. 30° E.; thence along E. slope.</p> <p>Proportionate point.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked</p>				
	<p>S21 S22</p> <p>from which</p>				
	<p>1932</p> <p>A juniper, 6 ins. diam., brs. N. 44° E., 42 lks. dist., marked $\frac{1}{4}$ S 22 B T.</p> <p>A juniper, 8 ins. diam., brs. S. 27° W., 21 lks. dist., marked $\frac{1}{4}$ S 21 B T.</p>				
	<p>52.30 Head of draw, drains S. 50° E.; ascend SE. slope.</p> <p>64.00 Point of rocky spur, 260 ft. above $\frac{1}{4}$ sec. cor., projects S. 20° E.; thence along steep E. slope.</p> <p>79.10 Draw, 20 ft. below spur, drains SE.; ascend S. slope.</p> <p>79.56 Proportionate point between the cor. of secs. 21, 22, 27 and 28, and the cor. of secs. 3, 4, 33, and 34 on N. bdy. and at record dist. in westing from $\frac{1}{4}$ sec. cor. bet. sec. 15 and 22.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground for cor. of secs. 15, 16, 21, and 22, with brass cap marked</p>				
	<p>T10S R7W</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">S16</td><td style="padding: 2px;">S15</td></tr> <tr> <td style="padding: 2px;">S21</td><td style="padding: 2px;">S22</td></tr> </table> <p>from whi</p> <p>A juniper, 4 ins. diam., brs. N. 44° E., 57 lks. dist., marked "BT" only.</p> <p>A juniper, 12 ins. diam., brs. S. 45° E., 168 lks. dist., marked T 10 S R 7 W S 22 B T.</p> <p>A juniper, 4 ins. diam., brs. S. 85° W., 140 lks. dist., marked "BT" only.</p> <p>A juniper, 4 ins. diam., brs. N. 37° W., 141 lks. dist., marked "BT" only.</p>	S16	S15	S21	S22
S16	S15				
S21	S22				

INDEPENDENT SURVEY OF

A PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains Dist. Sec.	<p>Land rolling and broken hills; SE. drainage and exposure. Soil, shallow rocky, sandy and clay loam, on hardpan of rocky clay; 3rd rate. Timber, scrub juniper. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.</p> <hr/> <p>N. 88° 38' E., bet. secs. 15 and 22.</p> <p>Ascend along S. slope over mountainous land, through scattered juniper timber and medium dense undergrowth of sagebrush.</p> <p>4.60 Spur, 50 ft. above sec. cor., slopes S. 20° E.; descend E. slope.</p> <p>14.90 Draw, 260 ft. below spur, drains S.; ascend W. slope.</p> <p>18.00 Spur, 50 ft. above draw, slopes S.; descend E. slope.</p> <p>25.60 Draw, 125 ft. below spur, drains S.; ascend W. slope.</p> <p>32.80 Spur, 25 ft. above draw, slopes S.; descend SE. slope.</p> <p>40.00 The $\frac{1}{2}$ sec. cor., which is a quartzite, 14 x 12 x 6 ins., firmly set in the ground and mound of stone, and marked $\frac{1}{2}$ on N. face. I raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.</p> <p>Land, mountainous; S. drainage and exposure. Soil, rocky, sandy and clay loam; 3rd rate. Timber, scattered juniper. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.</p> <hr/> <p>From the cor. of secs. 15, 16, 21, and 22.</p> <p>N. 0° 22' W., bet. secs. 15 and 16.</p> <p>Ascend S. slope over mountainous land, through scattered juniper timber, and medium dense sagebrush undergrowth.</p> <p>7.70 Spur, 100 ft. above sec. cor., slopes SE.; ascend SE. slope.</p> <p>12.00 Top of knoll, 150 ft. above sec. cor.; descend N. slope.</p> <p>20.20 Ravine, 190 ft. below knoll, drains E.; ascend S. slope.</p> <p>29.00 Top of ascent, 190 ft. above ravine, slopes E.; descend NE. slope.</p> <p>37.40 Draw, 90 ft. below top of ascent, drains E.; ascend SE. slope.</p> <p>39.78 Proportionate point, on SE. slope 65 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap marked $\frac{1}{2}$.</p>
	S16 S15
	1932
	from which

DEPARTMENT OF THE INTERIOR
U. S. GOVERNMENT LAND OFFICE
PORTION OF SUBDIVISION OF THE 10 SECTION W.

Chains	
	A scrub juniper, 12 ins. diam., brs. N. 17°50'E., 147 lks. dist., marked "BT" only. Tree too scrubby for additional markings.
	A juniper, 13 ins. diam., brs. N. 16°W., 126 lks. dist., marked "BT" only. Tree too scrubby for additional markings.
47.50	Low ridge and divide of drainage, 40 ft. above $\frac{1}{4}$ sec. cor. brs. E. and W.; descend over rolling N. slope.
65.00	Foot of descent on E. side of draw, 270 ft. below ridge, brs. N. and S. 30°W.; thence along E. side of draw.
79.56	Proportionate point bet. the cor. of secs. 21, 22, 27, 28, and the cor. of secs. 3, 4, 33, and 34, on N. bdy., and record dist. in westing from $\frac{1}{4}$ sec. cor. bet. secs. 10 and 15.
	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in ground to solid rock, and in mound of stone to top, for the cor. of secs. 9, 10, 15, and 16, with brass cap mark
	T10S R7W S 9 S10 S16 S15
	1932
	from which
	A juniper, 4 ins. diam., brs. S. 82°30'E., 47 lks. dist., marked "BT" only.
	A juniper, 4 ins. diam., brs. S. 28°30'W., 72 lks. dist., marked "BT" only.
	A juniper, 10 ins. diam., brs. N. 22°W., 242 lks. dist., marked "BT" only. Tree too scrubby for additional markings.
	Land, mountainous; E. exposure and drainage. Soil, rocky, sandy and clay loam; 3rd rate. Timber, scattered scrub juniper. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.
	N. 89° 51'E., bet. secs. 10 and 15.
	Ascend W. slope over low rolling hills, through scattered juniper timber, and undergrowth of sagebrush.
8.50	Spur, 40 ft. above sec. cor., projects N.; descend E. slope.
13.20	Ravine, 80 ft. below spur, drains N.; ascend W. slope.
20.00	Spur, 35 ft. above ravine, projects N.; descend E. slope.
27.50	Ravine, 80 ft. below spur, drains NW.; ascend W. slope.
37.00	Spur, 100 ft. above ravine, projects N.; descend over rolling E. slope.
40.15	The $\frac{1}{4}$ sec. cor., which is a quartzite, 12 x 6 x 6 ins., firmly set in the ground and mound of stone, and marked $\frac{1}{4}$ on N. face. I raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.

DEPENDENT RESURVEY OF

• PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains	Land, rolling hills; N. exposure and drainage. Soil, rocky, sandy and clay loam; 3rd rate. Timber, scattered scrub juniper. Undergrowth, medium growth of sagebrush; medium growth of grass and weeds. Good grazing land.
	From the cor. of secs. 27, 28, 33, and 34.
	N. 89° 56' W., bet. secs. 28 and 33.
	Ascend over rolling E. slope, through medium growth of juniper timber, and undergrowth of sagebrush.
34.00	Ascent becomes more abrupt, bre. N. and S..
40.00	Record dist. in westing, from cor. of secs. 27, 28, 33, and 34, and record dist. in southing from $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30, on rolling E. slope 230 ft. above sec.cor.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 28 S 33
	1932 from which
	A juniper, 6 ins. diam., brs. S. 23° E., 5 lks. dist., marked $\frac{1}{4}$ S 33 B T.
	A juniper, 5 ins. diam., brs. N. 47° W., 27 lks. dist., marked $\frac{1}{4}$ S 28 B T.
	Continue ascent over E. slope.
67.00	Ridge, 300 ft. above $\frac{1}{4}$ sec. cor., brs. N. and S.; ascend
69.00	Head of ravine, 20 ft. below ridge, drains SW.; ascend.
73.00	Spur, 20 ft. above ravine, projects SW.; descend NW. slope.
80.00	On S. side of bottom of ravine, 160 ft. below spur, drains SW., and at record dist. in westing from cor. of secs. 27, 28, 33, and 34, and at record dist. in southing from $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 28, 29, 32, and 33, with brass cap marked
	T10S R7W S29 S28 S32 S33
	1932 from which
	A juniper, 6 ins. diam., brs. N. 22° E., 233 lks. dist., marked T 10 S R 7 W S 28 B T.
	A juniper, 7 ins. diam., brs. S. 54° E., 96 lks. dist., marked T 10 S R 7 W S 33 B T.
	A juniper, 4 ins. diam., brs. S. 66° W., 57 lks. dist., marked "BT" only.
	A juniper, 4 ins. diam., brs. N. 5° W., 175 lks. dist., marked "BT" only.

DEPARTMENT OF THE INTERIOR
PORTION OF SUBDIVISION ON T. 10 S. R. 7 W.

Chains	<p>Land, mountainous; drainage E. and W. for small streams. Soil, rocky, clay and sandy loam; 3rd rate, loose. Timber, scrub juniper, some pinyon pine. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.</p> <hr/> <p>From the cor. of secs. 21, 22, 27, and 28, S. 87° 21' W., bet. secs. 21 and 28.</p> <p>Over rolling land, through scattered juniper timber, and undergrowth of sagebrush.</p> <p>Wash., 1 ch. wide, 4 ft. deep, drains SE.; ascend over rolling E. slope, leaving timber.</p> <p>Ascend along S. slope on N. side of ravine.</p> <p>Proportionate point, on N. side of ravine, 300 ft. above sec. cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked</p>
	$\frac{1}{4}$ S 21 S 28
	1932 deposit a limestone
	8 x 6 x 5 ins., marked with a cross (X) at base of post.
40.00	Ravine, drains S. 80° E.; ascend steep NE. slope.
62.00	Ridge, 450 ft. above $\frac{1}{4}$ sec. cor., brs. N. and S.; descend W. slope, entering timber, brs. N. and S.
72.50	Ravine, 250 ft. below ridge, drains NW.; thence along N. slope.
74.54	Proportionate point bet. the cor. of secs. 21, 22, 27, and 28, and the $\frac{1}{4}$ sec. cor. bet. secs. 20 and 29, and N. 3° 53'E., 80.18 chs., northing of 80.00 chs. from the cor. of secs. 28, 29, 32, and 33.
	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 20, 21, 28, and 29, with brass cap marked.
	T10S R7W S20 S21 S29 S28
	1932 from which
	A juniper, 18 ins. diam., brs. N. 78° 30'E., 102 lks. dist., marked T. 10 S. R. 7 W. S. 21 B. T.
	A juniper, 10 ins. diam., brs. S. 73° 30'E., 177 lks. dist., marked T. 10 S. R. 7 W. S. 28 B. T.
	A juniper, 12 ins. diam., brs. N. 17° W., 156 lks. dist., marked T. 10 S. R. 7 W. S. 20 B. T.
	No suitable bearing tree available in sec. 29.

DEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains Land, rolling and mountainous; drainage E. and W.
Soil, rocky, clay and sandy loam; 3rd rate.
Timber, scrub juniper on portion of mile.
Undergrowth, medium dense sagebrush; medium growth of grass and weeds.
Good grazing land.

North, between secs. 20 and 21.

Descend N. slope, over rolling hills, through scattered juniper timber, and undergrowth of sagebrush.

6.30 Ravine, 70 ft. below sec. corner, drains N. 60°W.; ascend S. slope.

11.00 Top of ascent, 25 ft. above ravine, slopes W.; descend over rolling W. slope.

35.70 Ravine, 75 ft. below top of ascent, drains W.; ascend SW. slope.

40.00 Record distance, on SW. slope, 90 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ sec. corner, with brass cap marked

S20|S21

1932

from which

A juniper, 20 ins. diam., bears S. 48°E., 18 lks.
dist., marked $\frac{1}{4}$ S21 BT

A juniper, 16 ins. diam., bears N. 12°30'W., 46 lks.
dist., marked $\frac{1}{4}$ S20 BT

Land, rolling hills; W. exposure and drainage.
Soil, rocky, clay and sandy loam; 3rd rate.
Timber, scattered scrub juniper.
Undergrowth, medium dense sagebrush; medium growth of grass and weeds.
Good grazing land.

From the corner of secs. 9, 10, 15, and 16.

S. 89°33'W., between secs. 9 and 16.

Descend over rolling hills, through very scattered juniper timber, and medium dense undergrowth of sagebrush.

1.00 Wash, 30 lks. wide, 3 ft. deep, in ravine, drains N.; ascend over rolling NE. slope.

24.00 Spur, 150 ft. above sec. corner, slopes N.; descend over rolling NW. slope.

40.00 Record distance, on rolling NW. slope, 90 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ sec. corner, with brass cap marked

$\frac{1}{4}$ S 9

$\frac{1}{4}$ S 16

1932

raise a mound

of stone, 3 ft. base, 2 ft. high, N. of corner.

53.00 Ravine, 100 ft. below $\frac{1}{4}$ sec. corner, drains N.; ascend E. slope.

DEPENDENT RESURVEY OF
THE PUBLIC LAND OFFICE
PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains	Description
61.00	Spur, 60 ft. above ravine, slopes N. 10° E.; descend NW. slope.
74.50	Ravine, 110 ft. below spur, drains N. 20° E.; ascend SE. slope.
80.00	On SE. slope, 75 ft. above ravine, Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in mound of stone to top, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T10S R7W. S. 8, 9, 16, 17.

S8 | S9 | S16 | S17

S17 S16, 16x14x5 ins.
1932 from which

- A juniper, 4 ins. diam., bears N. 86° E., 110 lks. N. dist., marked BT only.
- A juniper, 4 ins. diam., bears S. 51° 30' E., 28 lks. N. dist., marked BT only.
- A juniper, 4 ins. diam., bears S. 77° W., 20 lks. N. dist., marked BT only.
- A juniper, 4 ins. diam., bears N. 46° 30' W., 118 lks. N. dist., marked BT only.

This corner is at south 80.00 chs. (record distance) from corner of secs. 4, 5, 8, and 9, which is a conglomerate stone, 16x14x5 ins., marked 4 notches on E. and 5 notches on S. edges, alongside of stone monument.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap marked

T10S R7W

S5 | S4

S8 | S9

1932 raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

Land, rolling hills; N. exposure and drainage.

Soil, rocky, clay and sandy loam; 3rd rate.

Timber, scattered scrub juniper.

Undergrowth, medium dense sagebrush; medium growth of grass and weeds.

Good grazing land.

From the corner of secs. 28, 29, 32, and 33.

N. 89° 56' W., between secs. 29 and 32.

Descend over rolling hills; through very scattered juniper timber, and medium dense undergrowth of sagebrush.

0.40 Ravine, 5 ft. below sec. corner, drains SW.; ascend SE. slope.

15.00 Top of ascent, 90 ft. above ravine, slopes S.; descend SW. slope.

28.80 Judd creek, stream of clear water, 10 lks. wide, 3 ins. deep, 290 ft. below top of ascent; drains S.; ascend E. slope.

30.30 Road, bears N. and S.

DEPENDENT RESURVEY OF

PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains	
40.00	Record dist., on E. slope 185 ft. above creek. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \underline{\text{S 29}}$ S 32
	1932 from which A juniper, 18 ins. diam., brs. S. $37^{\circ}30'W.$, 118 lks. dist., marked $\frac{1}{4}$ S 32 B T.
	A juniper, 12 ins. diam., brs. N. $11^{\circ}30'W.$, 85 lks. dist., marked $\frac{1}{4}$ S 29 B T.
43.00	Point of spur, 50 ft. above $\frac{1}{4}$ sec. cor., slopes NE.; descend NW. slope.
50.00	Leave timber, brs. NE. and SW.
55.50	Small draw, 45 ft. below spur, drains NE.; ascend.
60.00	Small spur, 40 ft. above draw, slopes NE.; thence along N. slope.
64.50	Ravine, drains N. $70^{\circ}E.$; ascend SE. slope.
80.00	Record dist. from cor. of secs. 27, 28, 33, and 34, and from $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30, on SE. slope, 200 ft. above ravine. Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 29 and 32 only, with brass cap marked
	$\begin{array}{ c c } \hline & \text{T10S} \\ \text{S31} & \text{S29} \\ \hline & \text{S32} \\ & \text{R7W} \\ \hline \end{array}$ 1932 from which A juniper, 12 ins. diam., brs. N. $66^{\circ}E.$, 71 lks. dist., marked T 10 S R 7 W S 29 B T.
	No suitable bearing tree available in sec. 32. Land, mountainous, Soil, rocky clay and sandy loam; 3rd rate. Timber, scattered scrub juniper on portion of mile. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.
	South, bet. secs. 31 and 32. Descend SE. slope over mountainous land, through medium dense sagebrush undergrowth.
3.60	Ravine, 80 ft. below sec. cor., drains E.; ascend N. slope
8.00	Spur, 100 ft. above ravine, projects E.; descend S. slope, entering juniper timber, brs. E. and W.
15.00	Leave timber, brs. E. and W.

DEPARTMENT OF THE INTERIOR

PORTION OF SUBDIVISION OF T. 10 S., R. 30 W.

Chains	
19.60	Ravine, 110 ft. below spur, drains E.; thence over rolling E. slope.
36.00	Ravine, drains E.; ascend NE. slope.
38.92	Northing of 40.00 chs. from closing cor. of secs. 31 and 32. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in mound of stone to top, for sec. cor., sec. 31 only, with brass cap marked
	S31
	1932
40.00	Record dist., on NE. slope, 80 ft. above ravine. Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and in mound of stone to top, for sec. cor., sec. 32 only, with brass cap marked
	S32
	1932
	at base of post, deposit a limestone, 6x5x4 ins., marked with a cross (X).
1.10	Land, rolling hills; E. exposure and drainage. Soil, rocky clay and sandy loam; 3rd rate. Timber, scrub juniper on portion of mile. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land. From the cor. of secs. 29 and 32. N. 11° 52' E.; along W. bdy. of sec. 29. Ascend S. slope over mountainous land, through scattered juniper timber and medium growth of sagebrush undergrowth. Northing of 80.00 chs. from the closing cor. of secs. 31 and 32. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in mound of stone to top, for cor. of secs. 30 and 31 only, with brass cap marked
	T10W S30 S29 S31 R7W
	1932
	from which A juniper, 12 ins. diam., brs. S. 85° 30' W., 313 lks. dist., marked T. 10 S. R. 7 W. S. 31 B. T. A juniper, 12 ins. diam., brs. N. 46° W., 273 lks. dist., marked T. 10 S. R. 7 W. S. 30 B. T.

DEPENDENT RESURVEY OF

A PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains

8.00 Spur, 180 ft. above cor. secs. 29 and 32, projects E.; descend NW. slope.

33.00 Ravine, 350 ft. below spur, drains S. 85°E.; ascend.

40.87 The original $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30, which is a quartzite, 12 x 10 x 8 ins., above the ground, firmly set in old mound of stone, and marked $\frac{1}{4}$ on W. face. Cor. stands at cor. of barbed wire fence, 5 strand, brs. E. and N. 25°W.

This $\frac{1}{4}$ sec. cor. is changed to refer to sec. 29 only, and alongside of stone cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in mound of stone to top, with brass cap marked



S29

1932

from which

A juniper, 3 ins. diam., brs. N. 37° E., 104 lks. dist., marked "BT" only.

A juniper, 6 ins. diam., brs. S. 66° E., 62 lks. dist., marked $\frac{1}{4}$ S 29 B T.

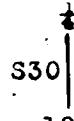
Thence

N. 0° 15'E., with continuous measurement.

Over rolling bench land sloping to the E.

41.97 Northing of 40.00 chs. from cor. of secs. 30 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 30 only, with brass cap marked



S30

1932

from which

A juniper, 3 ins. diam., brs. S. 17°W., 51 lks. dist., marked "BT" only.

A juniper, 6 ins. diam., brs. N. 86°30'W., 45 lks. dist., marked $\frac{1}{4}$ S 30 B T.

74.00 Descend into ravine, brs. SE. and NW.

81.00 Aspen creek, a stream of clear water, 6 lks. wide, 2 ins. deep, in ravine, drains SE.; enter cultivated land.

81.98 Proportionate point bet. $\frac{1}{4}$ sec. cor. sec. 29, and cor. of secs. 17, 18, 19, and 20, and at record dist. in westing from $\frac{1}{4}$ sec. cor. bet. secs. 20 and 29.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T10S R7W

519 S29

530 S29

1932

raise a mound of

DEPARTMENT OF THE INTERIOR

PORTION OF SUBDIVISION OF T. 10 S., R. 27 W.

Chains	stone, 3 ft. base, 2 ft. high N. of cor. Land, rolling hills; E. exposure and drainage. Soil, rocky clay and sandy loam; 3rd rate. Timber, scattered scrub juniper. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.
	From the cor. of secs. 20, 21, 28, and 29.
	N. 89° 49' W., bet. secs. 20 and 29.
	Descend over rolling NW. slope, through scattered juniper timber, and medium dense growth of sagebrush.
35.60	Bottom of Judd creek canyon, 180 ft. below sec. cor., dry wash, 60 lks. wide, 6 ft. deep, drains S.; ascend over rolling E. slope.
36.81	The $\frac{1}{4}$ sec. cor., bet. secs. 20 and 29, which is a quartzite 12 x 12 x 5 ins., firmly set in the ground and in old mound of stone, and marked $\frac{1}{4}$ on N. face, alongside of which
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap marked.
	<u>S 20</u> S29
	1932 raise a mound of
	stone, 3 ft. base, 2 ft. high N. of cor.
	Cor. stands in 4 strand barbed wire fence, brs. N. and S. Thence, N. 88° 36' W., with continuous measurement.
56.25	Road, brs. N. and S.
67.00	Descend gradual SW. slope, brs. NW. and SE.
76.82	The cor. of secs. 19, 20, 29, and 30.
	Land, rolling; S. exposure. Soil, rocky clay and sandy loam; 3rd rate. Timber, few scattered scrub juniper. Undergrowth, medium dense sagebrush; medium dense growth of grass and weeds. Good grazing land.
	West, bet. secs. 19 and 30.
	Over rolling land, through medium dense undergrowth of sagebrush.
3.50	Aspen creek, stream of clear water, 6 lks. wide, 2 ins. deep, drains S. 80° E.; willows along creek; ascend rocky NE. slope.
19.80	Barbed wire fence, 4 strand, brs. N., and S. 25° E.
40.00	Record dist., on rocky NE. slope 610 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in mound of stone to top, for sec. cor., sec. 19 only, with brass cap marked

DEPENDENT RESURVEY OF

PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains

~~† S 19~~

1932

from which

A juniper, 20 ins. diam., brs. N. 77° E., 56 lks.
dist.; marked ~~† S 19 B T.~~

A juniper, 8 ins. diam., brs. N. 50° W., 29 lks.
dist., marked ~~† S 19 B T.~~

Land, mountainous; E. exposure and drainage.
Soil, rocky clay and sandy loam; 3rd rate.
Timber, scrub juniper on portion of half mile.
Undergrowth, medium dense sagebrush; medium growth of
grass and weeds.
Good grazing land.

From cor. of secs. 19, 20, 29, and 30.

N. 5° 59' W., bet. secs. 19 and 20.

Ascend over rolling land, through medium dense undergrowth
of sagebrush.

10.00 Top of ascent, 40 ft. above sec. cor., brs. NW. and SE.;
thence over rolling E. slope.

19.50 Draw, drains S. 65° E.

32.00 Draw, drains SE.

41.33 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground for ~~†~~ sec. cor., with brass cap marked



raise a mound of
stone, 3 ft. base, 2 ft. high W. of cor.

from this cor., small spring of clear water, brs. N. 67° 30'
W., 5.70 chs.. dist.

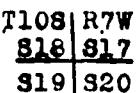
73.50 Road, brs. N. 20° W., and SE.

74.75 Draw, drains SE.; ascend S. slope.

82.00 Top of ascent, 50 ft. above draw, brs. NW. and SE.; thence
over rolling E. slope.

82.68 The cor. of secs. 17, 18, 19, and 20, which is a quartzite,
12 x 8 x 8 ins., firmly set in the ground and old mound of
stone, and marked 4 notches on E., and 3 notches on S.
edge. Alongside of stone

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
the ground, with brass cap marked



1932

raise a mound of

DEPENDENT RESURVEY OF

PORTION OF SUBDIVISION OF T. 10 S. 4 M. 30 W.

C. L. AND

Chains	stone, 3 ft. base, 2 ft. high W. of cor. Cor. stands in barbed wire fence, 4 strands, brs. E. and W. Land, rolling with E. exposure and SE. drainage. Soil, rocky, clay and sandy loam; 3rd rate. No timber. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.	
	East, bet. secs. 17 and 20. Descends gradually over rolling E. slope, through medium dense undergrowth of sagebrush, along fence.	
19.30	Fence brs. S., from the W.	
19.80	Judd creek, dry wash, 30 lks. wide, 2 ft. deep, 160 ft. below sec. cor., drains S. 30°E.; ascends, entering scattered juniper timber.	
23.00	Top of ascent, 60 ft. above creek, slopes S.; thence over broken S. slope.	
33.00	Small draw, drains S.; ascend .	
39.00	Top of low spur, 30 ft. above draw, projects S.; descend.	
39.75	Point mid-way bet. cor. of secs. 17, 18, 19, and 20, and the cor. of secs. 16 and 17. Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 17 only, with brass cap marked	
	\pm S 17	
	1932	from which
	A juniper, 4 ins. diam., brs. N. 79°30' E., 69 lks. dist., marked "BT" only.	
	A juniper, 30 ins. diam., brs. N. 73°30' W., 226 lks. dist., marked \pm S 17 B T.	
40.00	Record dist. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 20 only, with brass cap marked	
	\pm S 20	
	1932	from which
	A juniper, 8 ins. diam., brs. S. 18°45' E., 108 lks. dist., marked \pm S 20 B T.	
	A juniper, 4 ins. diam., brs. S. 54°45' W., 24 lks. dist., marked "BT" only.	
	Land, rolling and broken hills; S. exposure and drainage. Soil, rocky clay and sandy loam; 3rd rate.	

INDEPENDENT RESURVEY OF
PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains	<p>Timber, scattered scrub juniper on portion of half mile. Undergrowth, medium growth of sagebrush; medium dense grass and weeds. Good grazing land.</p> <hr/> <p>From the cor. of secs. 17, 18, 19, and 20.</p> <p>West, bet. secs. 18 and 19.</p> <p>Descend SW. slope over mountainous land, through medium dense undergrowth of sagebrush, along wire fence.</p>
1.00	Road, brs. NE. and S.
5.40	Draw, 25 ft. below sec. cor., drains SE.; ascend NE. slope
19.90	Cor of barbed wire fence, brs. S., and E.
33.00	Ascend over broken ledge outcrops.
40.00	On broken NE. slope, 710 ft. above draw, at record dist. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock, and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 19 only, with brass cap marked
	$\frac{1}{4}$ S 19 1933
	at base of post,
	deposit a quartzite, 7x6x4 ins., marked with a cross (X).
	Lava, mountainous; E. exposure. Soil, shallow rocky clay and sandy loam; 3rd rate. No timber. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.
	<p style="text-align: center;">INDEPENDENT RESURVEY OF PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.</p> <p>Independent resurvey superseding the surveys executed by A.J. Stewart Jr., U.S. Deputy Surveyor in 1872.</p> <p>From the cor. of secs. 17, 18, 19, and 20.</p> <p>North, bet. secs. 17 and 18.</p> <p>Over rolling E. slope, through medium dense undergrowth of sagebrush.</p>
1.00	Road, brs. N. 20°E., and S. 20°W.
39.32	From this point, original $\frac{1}{4}$ sec. cor., bet. secs. 17 and 18, which is a quartzite, 20 x 9 x 9 ins., firmly set in the ground and mound of stone, marked $\frac{1}{4}$ on W. face, brs. W., 26 lks. dist.
	I destroy the markings on this cor., and mark same WP on W. face for witness point.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

INDEPENDENT SURVEY OF
PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains

~~S18~~ | S17

1932

raise a mound of

stone, 3 ft. base, 2 ft. high W. of cor.

- 40.15 Wash, 10 lks.. wide, 3 ft.. deep, drains SE.; ascend S. slope.
54.00 Ridge, 150 ft. above $\frac{1}{2}$ sec. cor., brs. W. and 8.80° E.;
descend over rolling NE. slope.
79.01 Intersect S. bdy. sec. 8, S. $89^{\circ} 44' E.$, 1.36 chs. dist.
from SW. cor. of sec. 8, hereinafter described.

At point of intersection

Set an iron post, 3 ft. long, 1 in. diam., 28 ins in the
ground for cor. of secs. 17 and 18, only, with brass cap
marked

S 8
~~S18~~ | S17,
T10S | R7W

1932

raise a mound of

stone, 3 ft. base, 2 ft. high S. of cor.

Land, rolling and broken hills.

Soil, rocky clay and sandy loam; 3rd rate.

No timber.

Undergrowth, medium dense sagebrush; medium growth of
grass and weeds.

Good grazing land.

DEPENDENT SURVEY OF
PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Reestablishment of surveys executed by A.
J. Stewart Jr., U.S. Deputy Surveyor in 1872.

From the cor. of secs. 8, 9, 16, and 17.

S. $89^{\circ} 44' W.$, bet. secs. 8 and 17.

Ascend along rolling NE. slope over low hills, through
medium dense undergrowth of sagebrush.

- 37.00 Spur, 150 ft. above sec. cor., projects N. $15^{\circ} E.$, and
S. $15^{\circ} W.$; descend W. slope.

39.77 On W. slope, 50 ft. below spur.

Set iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground for $\frac{1}{2}$ sec. cor., sec. 17 only, with brass cap
marked

$\frac{1}{2}$ S 17

1932

raise a mound of

stone, 3 ft. base, 2 ft. high S. of cor. 30.04

40.45 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in t

DEPENDENT RESURVEY OF

PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains

ground to solid rock and in mound of stone to top for $\frac{1}{4}$ sec. cor., sec. 8 only, with brass cap marked

S 8

1932

at base of post,
deposit a volcanic stone, 6x6x5 ins., marked with a cross.

44.40 Ravine, 45 ft. below $\frac{1}{4}$ sec. cor., sec. 17, drains N. 20° E.; ascend SE. slope.

47.00 Road, brs. N. and S.

67.00 Knoll, 200 ft. above ravine; descend .

71.50 Small swale, 30 ft. below knoll, drains NE.; thence over rolling land.

79.54 The cor. of secs. 17 and 18, heretofore described.

80.90 Proportionate point bet. the original $\frac{1}{4}$ sec. cor. bet. secs. 17 and 18, and the cor. of secs. 5, 6, 31, and 32, on N. bdy., and at record dist. from the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 15.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for SW. cor. of sec. 8, with brass cap marked

T10S
R7W
S 8

S18

1932

raise a mound of
stone, 3 ft. base, 2 ft. high NE. of cor.

Land, rolling hills; NE. exposure and drainage.

Soil, shallow rocky sandy and clay loam; 3rd rate.

No timber.

Undergrowth, medium dense sagebrush; medium growth of grass and weeds.

Good grazing land.

North, along W. bdy. sec. 8.

Over rolling land, through medium dense undergrowth of sagebrush.

0.99 Northing of 80.00 chs. from cor. of secs. 17, 18, 19, and 20.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 7 and 18, with brass cap marked

T10S
S 7
S18
R7W

1932

raise a mound of
stone, 3 ft. base, 2 ft. high W. of cor.

DEPARTMENT OF THE INTERIOR

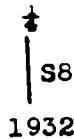
PORTION OF SUBDIVISION OF T. 10 S., R. 9 W.

Chains

cont'd

- 8.10 Draw, drains NE.; thence along rolling E. slope.
 25.70 Draw, drains SE.; ascend S. slope, entering scattered juniper timber, brs. E. and W.
 35.00 Spur, 210 ft. above draw, projects E.; descend steep N. slope.
 39.69 Proportionate point, on N. slope 110 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 8 only, with brass cap marked



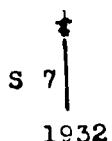
from which

A juniper, 10 ins. diam., brs. S. 89° E., 8 lks. dist., marked $\frac{1}{4}$ S 8 BT.

No other suitable bearing tree available. Raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.

- 40.99 Northing of 40.00 chs. from cor. of secs. 7 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 7 only, with brass cap marked



from which

A juniper, 14 ins. diam., brs. S. 52° W., 111 lks. dist., marked $\frac{1}{4}$ S 7 BT.

A juniper, 16 ins. diam., brs. N. 67° W., 52 lks. dist., marked $\frac{1}{4}$ S 7 BT.

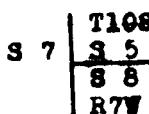
- 46.20 Ravine, 180 ft. below $\frac{1}{4}$ sec. cor. sec. 8, drains N. 60° E. ascend SE. slope.

60.00 Top of ascent, 200 ft. above ravine; thence along E. slope.

- 64.00 Spur, slopes N. 20° E.; descend NW. slope.

- 79.38 Proportionate point bet. original $\frac{1}{4}$ sec. cor. bet. secs. 17 and 18, and cor. of secs. 5, 6, 31, and 32 on N. bdy. and at S. $89^{\circ} 49'$ W., 80.90 chs. record dist. in westing from cor. of secs. 4, 5, 8, and 9, on NW. slope 250 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock and in mound of stone to top for cor. of secs. 5 and 8 only, with brass cap marked



1932

from which

A juniper, 4 ins. diam., brs. N. $33^{\circ} 30'$ E., 73 lks. dist., marked "BT" only.

DEPENDENT RESURVEY OF

PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

Chains	<p>A juniper, 3 ins. diam., brs. S. $2^{\circ} 30' E.$, 65 lks. dist., marked "BT" only.</p> <p>Land, rolling hills; NE. exposure and drainage. Soil, rocky, sandy and clay loam; 3rd rate. Timber, scattered scrub juniper on portion of mile. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.</p> <hr/> <p>N. $14^{\circ} 08' E.$, along W. bdy. sec. 5.</p> <p>Descend gradually over rolling NW. slope, through very scattered juniper timber, and medium dense undergrowth of sagebrush.</p>								
1.66	<p>Northing of 80.00 chs. from cor. of secs. 7 and 18.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 6 and 7 only, with brass cap marked</p>								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T10S</td> <td></td> </tr> <tr> <td>S 6</td> <td style="text-align: center;">S 5</td> </tr> <tr> <td>S 7</td> <td></td> </tr> <tr> <td>R7W</td> <td></td> </tr> </table>	T10S		S 6	S 5	S 7		R7W	
T10S									
S 6	S 5								
S 7									
R7W									
	1932 from which								
	<p>A juniper, 3 ins. diam., brs. S. $74^{\circ} W.$, 119 lks. dist., marked "BT" only.</p> <p>A juniper, 4 ins. diam., brs. N. $26^{\circ} 30' W.$, 185 lks. dist., marked "BT" only.</p>								
7.50	Ravine, 70. ft. below cor. of secs. 5 and 8, drains E.; ascend.								
13.00	Top of ascent, 20 ft. above ravine, brs. E. and W.; descend.								
17.50	Draw, 30 ft. below top of ascent, drains N. $70^{\circ} E.$; ascend.								
23.00	Top of ascent, 20 ft. above draw, brs. E. and W.; descend								
28.00	Draw, 35 ft. below top of ascent, drains N. $70^{\circ} E.$; ascend.								
39.92	The cor. of secs. 5, 6, 31, and 32 on N. bdy. of Tp., heretofore described.								
	<p>Land, rolling hills; E. exposure and drainage. Soil, rocky sandy and clay loam; 3rd rate. Timber, few scattered scrub juniper. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.</p> <hr/>								

WEST BOUNDARY OF T. 10 S., R. 7 W.

Chains

SURVEY OF WEST BOUNDARY OF T. 10 S., R. 7 W.

From the standard cor. of T. 10 S., R. 7 and 8 W., which is an iron post, 3 ft. long, 3 ins. diam., properly marked, set and witnessed as described in the official records, thence

North, bet. secs. 31 and 36.

Ascend along rolling SE. slope over mountainous land, through scattered juniper timber, and medium dense sagebrush undergrowth.

25.60 Draw, 150 ft. above Tp. cor., drains S. 60° E.; continue ascent over rolling SE. slope.

39.30 Draw, 200 ft. above Tp. cor., drains S. 50° E.; ascend steep SE. slope.

40.00 On SE. slope, 25 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

1933

from which

A juniper, 4 ins. diam., brs. S. 64° E., 72 lks. dist., marked "BT" only.

A juniper, .6 ins. diam., brs. S. 18° W., 308 lks. dist., marked $\frac{1}{4}$ S 36 B T.

52.50 Spur, 200 ft. above $\frac{1}{4}$ sec. cor., projects S. 60° E.; descend NE. slope.

64.30 Ravine, 130 ft. below spur, drains S. 60° E.; ascend along SE. slope.

80.00 On SE. slope, 270 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in mound of stone to top, for cor. of secs. 25, 30, 31, and 36, with brass cap marked.

T10S	
R8W	R7W
S25	S30
S36	S31

1933

from which

A juniper, 4 ins. diam., brs. S. 22° 30' E., 216 lks. dist., marked "BT" only.

A juniper, 9 ins. diam., brs. S. 61° 30' W., 225 lks. dist., marked T 10 S R 8 W S 36 B T.

A juniper, 14 ins. diam., brs. N. 50° W., 98 lks. dist., marked T 10 S R 8 W S 25 B T.

Land, mountainous; SE. exposure and drainage.
Soil, rocky clay and sandy loam; 3rd rate.

Timber, few scattered scrub juniper.

Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.

WEST BOUNDARY OF T. 10 S., R. 7 W.

Chains	
	North, bet. secs. 25 and 30.
	Along E. slope over mountainous land, through scattered juniper timber, and medium dense undergrowth of sagebrush.
2.50	Ravine, drains SE.; ascend S. slope.
11.00	Ridge, 210 ft. above sec. cor., brs. NW. and SE.; descend NE. slope.
12.60	Head of ravine, 50 ft. below ridge, drains E.; ascend S. slope.
23.00	Spur, 230 ft. above ravine, projects SE.; thence along E. slope.
31.50	Spur, projects E.; descend N. slope.
40.00	On N. slope, 270 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S25 S30 1933
	from which
	A juniper, 14 ins. diam., brs, S. 67° E., 79 lks. dist., marked $\frac{1}{4}$ S 30 B T.
	A juniper, 12 ins. diam., brs, S. 41° W., 58 lks. dist., marked $\frac{1}{4}$ S 25 B T.
48.00	Ravine, 100 ft. below $\frac{1}{4}$ sec. cor., drains S. 60° E.; ascend S. slope.
64.00	Spur, 420 ft. above ravine, projects S. 30° E.; thence ascend along E. slope.
73.00	Ridge, 40 ft. above spur, brs. NE. and SW.; descend NW. slope.
80.00	On NW. slope, 280 ft. below ridge.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 19, 24, 25, and 30, with brass cap marked
	T10S R8W R7W S24 S19 S25 S30 1933
	raise a mound of
	stone, 3 ft. base, 2 ft. high W. of cor.
	Land, mountainous; E. exposure and drainage.
	Soil, rocky clay and sandy loam; 3rd rate.
	Timber, very scattered scrub juniper.
	Undergrowth, medium dense sagebrush; medium growth of grass and weeds.
	Good grazing land.

WEST BOUNDARY OF T. 10 S., R. 7 W.

Chains

North, bet. secs. 19 and 24.

Descend NW. slope over mountainous land; through scattered juniper timber, and medium dense undergrowth of sagebrush.

12.40 Canyon, 250 ft. below sec. cor., drains NE.; ascend SE. slope.

20.00 Spur, 150 ft. above canyon, slopes E.; descend.

23.40 Head of draw, 30 ft. below spur, drains E.; ascend SE. slope.

28.50 Spur, 70 ft. above draw, projects NE.; descend NW. slope

32.80 Draw, 150 ft. below spur, drains NE.; ascend SE. slope.

40.00 On SE. slope, 60 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 24 only, with brass cap marked

$\frac{1}{4}$
S24

1933

from which

A juniper, 8 ins. diam., brs. S. $46^{\circ}30'W.$, 47 lks.
dist., marked $\frac{1}{4}$ S 24 B T.

A juniper, 10 ins. diam., brs. N. $6^{\circ}30'W.$, 160 lks.
dist., marked $\frac{1}{4}$ S 24 B T.

41.21 Mid-way bet. the cor. of secs. 19, 24, 25, and 30, and the closing cor. of secs. 18 and 19.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 19 only, with brass cap marked

$\frac{1}{4}$
S19

1933

from which

A juniper, 12 ins. diam., brs. N. $80^{\circ}E.$, 51 lks.
dist., marked $\frac{1}{4}$ S 19 B T.

No other suitable bearing tree available. Raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.

46.00 Spur, 40 ft. above $\frac{1}{4}$ sec. cor. sec. 24, slopes E.; descend N. slope.

54.30 Small stream of clear water; in bottom of canyon, 230 ft. below spur, drains S. $60^{\circ}E.$; ascend SE. slope.

57.70 From this point; small spring of clear water, brs. N. $77^{\circ}E.$; spring of clear water, brs. N. $30^{\circ}E.$

60.00 Enter medium dense juniper timber, brs. NE. and SW.

75.40 From this point; small spring clear water brs. S. $39^{\circ}45'W.$; spring of clear water, brs. S. $35^{\circ}30'E.$

79.70 Spur, 440 ft. above canyon, projects SE.; descend N. slope.

WEST BOUNDARY OF T. 10 S., R. 7 W.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 13 and 24 only, with brass cap marked

T10S	T10S
S13	R7W
S24	S19
R8W	

1933

from which

A juniper, 6 ins. diam., brs. S. 24° W., 88 lks. dist., marked T 10 S R 8 W S 24 B T.

A juniper, 8 ins. diam., brs. N. 68° W., 81 lks. dist., marked T 10 S R 8 W S 13 B T,

Land, mountainous; E. exposure.

Soil, rocky clay and sandy loam; 3rd rate,

Timber, scattered scrub juniper.

Undergrowth, medium dense sagebrush; medium growth of grass and weeds.

Good grazing land.

North, along E. bdy. of sec. 13.

Descend NE. slope over mountainous land, through scattered juniper timber, and medium dense undergrowth of sagebrush.

2.42 Closing cor. of secs. 18 and 19, subsequently established.

10.60 Ravine, 330 ft. below sec. cor., drains S. 40° E.; ascend SW. slope.

27.00 Ridge, 510 ft. above ravine, brs. S. 50° E., and N. 10° W.; ascend along E. slope, entering medium growth of timber and mahogany undergrowth.

36.00 Enter scattered timber.

40.00 On E. slope, 60 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for 1/4 sec. cor., sec. 13 only, with brass cap marked

t
S13

1933

from which

A juniper, 12 ins. diam., brs. S. 19° W., 57 lks. dist., marked $\frac{1}{4}$ S 13 B T.

A juniper, 5 ins. diam., brs. N. $6^{\circ}15'W.$, 104 lks. dist., marked "BT" only.

Ascend gradually over broken E. slope.

42.42 Northing of 40.00 chs. from closing cor. of secs. 18 and 19.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 18 only, with brass cap marked

WEST BOUNDARY OF T. 10 S., R. 7 W.

anfang

Chains

S18

1933

from which

A juniper, 7 ins. diam., brs. N. $39^{\circ}15' E.$, 67 lks.
dist., marked $\frac{1}{4}$ S 18 B T.

A juniper, 10 ins. diam., brs. S. $31^{\circ}30' E.$, 234 lks.
dist., marked $\frac{1}{4}$ S 18 B T.

59.00 Enter dense juniper and mahogany, brs. NE. and SW.

74.00 Ridge, 60 ft. above $\frac{1}{4}$ sec.cor. sec. 13, brs. E., and
S. $60^{\circ}W.$, descend NW. slope entering fir timber, and
undergrowth of service berry.

80.00 On NW. slope, 150 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
the ground for cor. of secs. 12 and 13 only, with brass
cap marked

T10S	T10S
S12	R7W
S13	S18
R8W	

1933

from which

A mahogany, 8 ins. diam., brs. S. $40^{\circ}15' W.$, 49 lks.
dist., marked T 10 S R 8 W S 13 B T.

A Douglas fir, 24 ins. diam.; brs. N. $16^{\circ}45' W.$, 53 lks.
dist., marked T 10 S R 8 W S 12 B T.

Land, mountainous; E. exposure.
Soil, rocky clay and sandy loam; 3rd rate.
Timber, scrub juniper and Douglas fir on portion of mile.
Undergrowth, sagebrush, mahogany, and service berry;
medium growth of grass and weeds.
Good grazing land.

North, along E. bdy. sec. 12.

Descend NW. slope over mountainous land, through fir and
juniper timber, and medium dense undergrowth of mahogany,
service berry, and sagebrush.

2.42 Northing of 80.00 chs. from the closing cor. of secs. 18
and 19.

Set an iron post, 3 ft. long, 2 ins. diam.; 28 ins. in
the ground for cor. of secs. 7 and 18 only, with brass
cap marked

T10S	T10S
S 7	
R8W	S18
S12	R7W

1933

from which

A juniper, 30 ins. diam.; brs. N. $15^{\circ}E.$, 10 lks.
dist., marked T 10 S R 7 W S 7 B T.

WEST. BOUNDARY OF T. 10 S., R. 7 W.

Chains

A mahogany, 6 ins. diam., brs. S. $39^{\circ}E.$, 51 lks. dist., marked T 10 S R 7 W S 18 B.T.

27.30 Canyon, 510 ft. below sec. cor., drains NE.; ascend SE. slope leaving fir timber.

32.00 Spur, 30 ft. above canyon, slopes E.; descend N. slope.

37.80 Ravine, 110 ft. below spur, drains E.; ascend S. slope.

40.00 On S. slope, 10 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 12 only, with brass cap marked

1933

from which

A juniper, 30 ins. diam., brs. N. $34^{\circ}30'W.$, 118 lks. dist., marked $\frac{1}{4}$ S 12 B.T.

No other suitable bearing tree available.

42.42 Northing of 40.00 chs. from cor. of secs. 7 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 7 only, with brass cap marked

1933

at base of post,

deposit a limestone, 8x6x4 ins., marked with a cross (X).

Cor. stands on low spur, 35 ft. above ravine, slopes E.; descend N. slope.

58.40 Small spring of clear water, brs. W. 40 lks. dist.; water drains N.

55.80 Stream of clear water, 3 lks. wide, 2 ins. deep, in canyon, 130 ft. below spur, drains NE.; ascend S. slope.

70.00 Spur, 90 ft. above canyon, slopes SE.; descend N. slope.

75.10 Ravine, 70 ft. below spur, drains SE.; ascend.

80.00 On SW. slope, 40 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in mound of stone to top, for cor. of secs. 1 and 12 only, with brass cap marked

T10S	T10S
S 1	R7W
S12	S 7
R8W	

1933

from which

A juniper, 14 ins. diam., brs. S. $70^{\circ}45'W.$, 88 lks. dist., marked T 10 S R 8 W S 12 B.T.

WEST. BOUNDARY OF T. 10 S., R. 8 W.

cont'd

Chains	<p>.. A juniper, 10 ins. diam., brs. N. 44° 30' W., 112 lks. dist., marked T 10 S R 8 W 8 1 B. T. etc.</p> <p>Land, mountainous; NE. drainage and exposure. Soil, rocky clay and sandy loam; 3rd rate. Timber, scrub juniper on mile and scattered Douglas fir portion of mile. Undergrowth, mahogany, sagebrush, and service berry; medium growth of grass and weeds. Good grazing land.</p> <p>North, along E. bdy. sec. 1.</p> <p>Ascend SW. slope over mountainous land through juniper timber, and undergrowth of sagebrush, mahogany and service berry.</p> <p>2.42 Northing of 80.00 chs. from cor. of secs. 7 and 18. Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in mound of stone to top, for cor. of secs. 6 and 7 only, with brass cap marked</p>														
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T10S</td><td>T10S</td></tr> <tr> <td>R8W</td><td>S 6</td></tr> <tr> <td>S 1</td><td>R7W</td></tr> <tr> <td></td><td>S 7</td></tr> </table> <p>1933 from which</p> <p>A juniper, 20 ins. diam., brs. N. 12° E., 83 lks. dist., marked T 10 S R 7 W S 6 B T.</p> <p>A juniper, 10 ins. diam., brs. S. 73° 30' E., 35 lks. dist., marked T 10 S R 7 W S 7 B T.</p> <p>9.50 Spur, 75 ft. above sec. cor., secs. 1 and 12, projects SE.; descend N. slope.</p> <p>16.70 Head of ravine, 150 ft. below spur, drains E.; ascend S. slope.</p> <p>27.00 Spur, 140 ft. above ravine, projects E.; descend along E. slope.</p> <p>39.88 On E. slope of spur, 100 ft. below top. Intersect S. bdy. of T. 9 S., R. 8 W., N. 89° 33' W., 10. chs. dist. from cor. of T. 9 S., R. 8 W., hereto- fore described. At point of intersection. Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground to solid rock and in mound of stone to top, for closing cor. of T. 10 S., R. 8 W., with brass cap marked</p>	T10S	T10S	R8W	S 6	S 1	R7W		S 7						
T10S	T10S														
R8W	S 6														
S 1	R7W														
	S 7														
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T9SR8W</td><td></td></tr> <tr> <td>S 36</td><td></td></tr> <tr> <td>S 1</td><td>S 6</td></tr> <tr> <td>R8W</td><td>R7W</td></tr> <tr> <td>T10S</td><td></td></tr> <tr> <td>CC</td><td></td></tr> <tr> <td>1933</td><td></td></tr> </table> <p>from which</p> <p>A juniper, 10 ins. diam., brs. S. 5° 30' E., 119 lks.</p>	T9SR8W		S 36		S 1	S 6	R8W	R7W	T10S		CC		1933	
T9SR8W															
S 36															
S 1	S 6														
R8W	R7W														
T10S															
CC															
1933															

WEST BOUNDARY OF T. 10 S., R. 7 W.

Chains	<p>dist., marked T 10 S R 7 W S 6 C C B T.</p> <p>A juniper, 14 ins. diam., brs. S. 45°30'W., 16 lks. dist., marked T 10 S R 8 W S 1 C C B T.</p> <p>Land, mountainous; NE. exposure and drainage. Soil, rocky clay and sandy loam; 3rd rate. Timber, scrub juniper. Undergrowth, mahogany, sagebrush and service berry; medium growth of grass and weeds. Good grazing land.</p>
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SURVEY OF PORTION OF SUBDIVISION OF T. 10 S., R. 7 W.

From the cor. of secs. 28, 29, 32, and 33.

South, bet. secs. 32 and 33.

Ascend NW. slope over mountainous land, through scattered juniper timber, and undergrowth of sagebrush.

- 2.60 Top of ascent, 25 ft. above sec. cor., slopes W.; descend SW. slope.
- 5.60 Ravine, 60 ft. below top of ascent, drains W.; ascend steep N. slope.
- 19.00 Spur, 600 ft. above ravine, projects W., and S. 20°E.; descend SW. slope.
- 30.50 Ravine, 90 ft. below spur, drains W.; ascend NW. slope.
- 40.00 On NW. slope, 40 ft. above ravine.
- Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S32 | S33

1933

from which

- A juniper, 5 ins. diam., brs. S. 51°30'E., 46 lks.
dist., marked $\frac{1}{4}$ S 33 B T.
- A juniper, 4 ins. diam., brs. N. 73°30'W., 60 lks.
dist., marked $\frac{1}{4}$ S 32 B T.
- 41.60 Spur, 25 ft. above $\frac{1}{4}$ sec. cor., projects W.; descend SW. slope.
- 64.00 Ravine, 630 ft. below spur, drains W., ascend NW. slope.
- 66.00 Top of ascent, 20 ft. above ravine, slopes W.; descend SW. slope.
- 78.64 On SW. slope, 90 ft. below top of ascent.
- Intersect 2nd Stan. Par. S., 1.82 chs. E. of the stand. cor. of secs. 32 and 33, which is an iron post, 3 ft. long, 3 ins. diam., set, marked and witnessed as described in the official records. This cor. is changed to an angle point. I destroy the markings and mark brass cap A P.

SUBDIVISION OF PORTION OF T. 10 S. 4 R. 7 W.

Chains

answrdC

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in
the ground to solid rock and in mound of stone to top,
for closing cor. of secs. 32 and 33, with brass cap mark.

	CC
T10S	R7W
S32	S33
<u>S5</u>	
T11SR7W	

1932

from which

A juniper, 5 ins. diam., brs. N. $18^{\circ}15' E.$, 105 lks.
dist., marked "BT" only.

No suitable bearing tree available in sec. 32. Raise a
mound of stone, 3 ft. base, 2 ft. high N. of cor.

Land, mountainous; W. drainage and exposure.

Soil, rocky clay and sandy loam; 3rd rate

Timber, scattered scrub juniper.

Undergrowth, medium dense sagebrush; medium growth of
grass and weeds.

Good grazing land.

From the $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21.

North, bet. secs. 20 and 21.

Ascend rocky S. slope over mountainous land, through
scattered juniper timber, and medium dense undergrowth of
sagebrush.

1.50 Ridge, 30 ft. above $\frac{1}{4}$ sec. cor., brs. E. and NW.; descend
along rolling NE. slope.

17.20 Ravine, 70 ft. below ridge, drains S. $60^{\circ} E.$; ascend SE.
slope.

27.00 Spur, 130 ft. above ravine, projects E.; descend NE. slope.

29.00 Leave timber.

33.30 Head of draw, 85 ft. below spur, drains E.; continue
descent.

38.40 Draw, 130 ft. below spur, drains E.; thence over rolling
E. slope.

43.37 Point of intersection with line extended due E. from $\frac{1}{4}$
sec. cor. bet. secs. 17 and 20.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in
ground to solid rock and in mound of stone to top, for
cor. of secs. 20 and 21, with brass cap marked.

	S 16
820	821
T10S	R7W

1932

At base of post
deposit a quartzite, 6 x 6 x 5 ins., marked with a cross.

SUBDIVISION OF PORTION OF T., 10 S., R. 7 W.

Chains	
	Land, mountainous; E. exposure and drainage. Soil, rocky clay and sandy loam; 3rd rate. Timber, scattered scrub juniper on portion of half mile. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.
	From the $\frac{1}{4}$ sec. cor. on N. bdy. sec. 20.
	East, along N. bdy. sec. 20.
17.40	Descend along rolling SE. slope over mountainous land, through scattered juniper timber; and medium dense undergrowth of sagebrush.
31.00	Ravine, 70 ft. below $\frac{1}{4}$ sec. cor., drains S. $10^{\circ}W.$; ascend W. slope.
36.00	Leave timber, brs. N. and S.
39.50	Ridge, 275 ft. above ravine, brs. N. and S.; descend E. slope.
45.38	Point for cor. of secs. 16 and 17, subsequently established Cor. of secs. 20 and 21, at point of intersection with line due N. of $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21.
	Land, mountainous. Soil, rocky clay and sandy loam; 2nd and 3rd rate. Timber, scattered scrub juniper on portion of half mile. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.
	East, on random line bet. secs. 16 and 21:
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74:76	Intersect N. and S. line, 39 lks. N. of the cor. of secs. 15, 16, 21, and 22; thence N. $89^{\circ}42'W.$; on true line bet. secs. 16 and 21.
	Descend over mountainous land, through very scattered juniper timber, and medium dense undergrowth of sagebrush.
1.30	Ravine, 10 ft. below sec. cor., drains SE.; ascend E. slope
7.00	Spur, 140 ft. above ravine, projects S.; descend W. slope.
16.30	Ravine, 250 ft. below spur, drains S.; ascend SE. slope.
35.00	Spur, 290 ft. above ravine, projects S.; descend W. slope
37.38	On W. slope, 20 ft. below spur.
	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground on solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 21 only, with brass cap marked
	$\frac{1}{4}$ S 21
	1932
	at base of post.

SUBDIVISION OF PORTION OF T. 10th S., R. 17th W.

enclad

Chains	
40.00	<p>deposit a limestone, 8x6x5 ins., marked with a cross (X) in the ground for $\frac{1}{4}$ sec. cor., sec. 16 only, with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$ S 16</p> <p style="text-align: right;">from which</p> <p>1932</p> <p>A juniper, 24 ins. diam., brs. N. 28° 30' E., 267 lks. dist., marked $\frac{1}{4}$ S 16 B T.</p> <p>No other suitable bearing tree available. Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.</p>
48.30	Ravine, 200 ft. below $\frac{1}{4}$ sec. cor., sec. 21, drains S. 15° E. ascend W. slope.
56.20	Draw, drains NE.
74.76	The cor. of secs. 20 and 21, 300 ft. above ravine. Land; mountainous; S. exposure and drainage. Soil, rocky clay and sandy loam; 3rd rate. Timber, few scattered scrub juniper. Undergrowth, medium dense sagebrush; medium growth of grass and weeds. Good grazing land.
	 From the cor. of secs. 8, 9, 16, and 17. South, bet. secs. 16 and 17. Descend SE. slope over mountainous land, through scattered juniper timber, and medium dense undergrowth of sagebrush
6.70	Ravine, 60 ft. below sec. cor., drains NE.; ascend NW. slope.
32.00	Spur, 260 ft. above ravine, projects NE.; descend SE. slope.
38.59	Northing of 40.00 chs. from cor. of secs. 16 and 17, on SE. slope 40 ft. below spur.
	 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 17 only, with brass cap marked
	$\frac{1}{4}$ S17
	1932
	raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.
39.60	Ravine, 15 ft. below $\frac{1}{4}$ sec. cor., drains N. 70° E.; ascend N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., sec. 16 only, with brass cap marked
	$\frac{1}{4}$ S16
	1932
	raise a mound

SUBDIVISION OF PORTION OF T. 10 S., R. 7 W.

Chains

stone, 3 ft. base, 2 ft. high E. of cor.

55.00 Spur, 130 ft. above ravine, projects N. 30°E.; descend SE. slope.

66.10 Ravine, 80 ft. below spur, drains NE.; thence along rolling E. slope.

78.59 Intersect N. bdy. sec. 20., 5.82 chs. W. of the cor. of secs. 20 and 21.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 16 and 17, only, with brass cap marked

T10S	R7W
S17	S16
S 20	

1932

raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.

Land, mountainous; NE. exposure and drainage.

Soil, rocky clay and sandy loam; 3rd rate.

Timber, scattered scrub juniper on portion of mile.

Undergrowth, medium dense sagebrush; medium growth of grass and weeds.

Good grazing land.

From $\frac{1}{2}$ sec. cor. on W. bdy. sec. 32.

South, bet. secs. 31 and 32.

Ascend NE. slope over mountainous land, through medium dense sagebrush undergrowth.

31.00 Top of ascent, 260 ft. above $\frac{1}{2}$ sec. cor., slopes E.; descend abrupt SE. slope.

38.00 Ravine, 160 ft. below top of ascent, drains E.; ascend over rocky N. slope.

38.92 Intersect 2nd Stan' Par. S., 2.18 chs. E. of the stan. cor. of secs. 31 and 32, which is an iron post, 3 ft. 3 ins. diam., properly marked, set and witnessed as described in the official records. I destroy the markings on this cor., and mark brass cap AP for angle point.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for closing cor. of secs. 31 and 32, with brass cap marked

CC	
T10S	R7W
S31	S32
S6	
T11SR7W	

1932

raise a mound of stone, 4 ft. base, 3 ft. high N. of cor.

Land, mountainous; E. exposure and drainage.

SUBDIVISION OF PORTION OF T. 10 S. 4 M. NW. 1/4

Chains

Soil, rocky clay and sandy loam; 3rd rate.
No timber.
Undergrowth, medium dense sagebrush; medium growth of grass and weeds.
Good grazing land.

From the cor. of secs. 30 and 31.

West, on random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

62.38 Intersect W. bdy. of Tp., 9 lks. N. of the cor. of secs. 25, 30, 31, and 36, heretofore described; thence N. $89^{\circ} 56' E.$, on true line bet. secs. 30 and 31.

Descend E. slope over mountainous land, through medium dense undergrowth of sagebrush.

1.90 Ravine, 50 ft. below sec. cor., drains S. $15^{\circ} E.$; ascend SW. slope.

11.00 Enter medium dense juniper timber, brs. NW. and SE.

22.00 Peak in ridge, 340 ft. above ravine, ridge brs. NW. and E.; descend along top of ridge.

35.00 Saddle in ridge, 300 ft. below peak; ascend along ridge.

40.00 On W. slope in ridge, 90 ft. above saddle in ridge.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in mound of stone, to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 30

S 31

1935

from which

A juniper, 10 ins. diam., brs. N. $27^{\circ} 15' E.$, 20 lks. dist., marked $\frac{1}{4}$ S 30 B T.

A juniper, 8 ins. diam., brs. S. $11^{\circ} 45' E.$, 10 lks. dist., marked $\frac{1}{4}$ S 31 B T.

44.50 Ridge, 60 ft. above $\frac{1}{4}$ sec. cor., brs S. from the W.; spur projects to N. $30^{\circ} E.$; descend E. slope.

51.60 Ravine, 200 ft. below ridge, drains NE.; ascend along N. slope.

66.00 Spur, 25 ft. above ravine, slopes NE.; descend along S. slope.

72.00 Descend NE. slope.

78.50 Ravine, 175 ft. below spur, drains S. $60^{\circ} E.$; thence along S. slope.

82.38 The cor. of secs. 30 and 31.

Land, mountainous; S. exposure.
Soil, rocky clay and sandy loam; 3rd rate.
Timber, scrub juniper on portion of ridge.

SUBDIVISION OF PORTION OF T. 10 S., R. 7 W.

Chains

Undergrowth, medium dense sagebrush; medium growth of grass and weeds.
Good grazing land.

From $\frac{1}{4}$ sec. cor. on S. bdy. sec. 19.

West, on random line bet. secs. 19 and 30.

50.67 Intersect W. bdy. of Tp., 8 $\frac{1}{2}$ lks. N. of the cor. of secs. 19, 24, 25, and 30; thence

N. 89° 54' E., on true line bet. secs. 19 and 30.

Ascend NW. slope over mountainous land, through medium dense undergrowth of sagebrush and scattered service berry

5.50 Point of spur, 150 ft. above sec. cor., slopes NE.; descend E. slope entering scattered juniper timber.

20.00 W. side of low pass on spur, 210 ft. below point of spur, brs. E. and W.; thence along low pass.

24.60 From this point, small spring of clear water, brs. S. 5° 30' W.

29.00 E. side of low pass, ascend W. slope.

36.70 From this point, spring of clear water, brs. S. 58° 45' W.

40.00 Top of ascent, on N. side of quartzite peak, 275 ft. above low pass, slopes N.;

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 30 only, with brass cap marked

$\frac{1}{4}$ ——————
S 30

1933 from which

A juniper, 10 ins. diam., brs. S. 67° 30' E., 29 lks. dist., marked $\frac{1}{4}$ S 30 B T.

No other suitable bearing tree available.

Descend rocky and broken NE. slope.

50.67 The $\frac{1}{4}$ sec. cor. sec. 19, 330 ft. below top of ascent.

Land, mountainous.

Soil, rocky clay and sandy loam; 3rd rate.

Timber, scattered scrub juniper on portion of half mile.

Undergrowth, medium dense sagebrush and scattered service berry; medium growth of grass and weeds.

Good grazing land.

From $\frac{1}{4}$ sec. cor. on N. bdy. sec. 19.

West, on random line bet. secs. 18 and 19.

42.12 Intersect W. bdy. of Tp., 2.42 chs. dist. N. of the cor. of secs. 13 and 24.

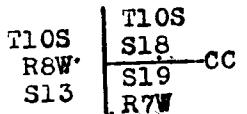
SUBDIVISION OF PORTION OF T. 10 S. R. 7 W.

entire

Chains

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
the ground for closing cor. of secs. 18 and 19, with
brass cap marked



1933.

from which

A juniper, 10 ins. diam., brs. S. 37° 15' E., 234 lks.
dist., marked T 10 S R 7 W S 19. C. C. B. T.

No suitable bearing tree available in sec. 18. Raise a
mound of stone, 3 ft. base, 2 ft. high E. of cor.

Thence

East, on true line bet. secs. 18 and 19.

Descend NE. slope over mountainous land, through scattered
juniper timber, and medium dense undergrowth of sagebrush

7.25 Ravine, 230 ft. below cor., drains S. 30° E.; ascend SW.
slope.

28.00 Low pass on spur, 230 ft. above ravine, brs. NW. and SE.;
ascend NW. slope.

32.00 Top of ascent, 270 ft. above ravine, slopes N.; descend
steep NE. slope.

40.00 On NE. slope, 75 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
the ground to solid rock and in mound of stone to top,
for $\frac{1}{4}$ sec. cor., sec. 18 only, with brass cap marked

+ S 18

1933

at base of post,
deposit a quartzite, 6 x 5 x 5 ins., marked with a cross

42.12 The $\frac{1}{4}$ sec. cor. sec. 19.

Land, mountainous; S. exposure and drainage.

Soil, rocky clay and sandy loam; 3rd rate.

Timber, few scattered scrub juniper.

Undergrowth, medium dense sagebrush; medium growth of
grass and weeds.

Good grazing land.

From cor. of secs. 7 and 18.

West, on random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.64 Intersect W. bay. of Tp., 9 lks. N. of the cor. of secs.
7 and 18; thence

N. 89° 56' E., on true line bet. secs. 7 and 18.

540

SUBDIVISION OF PORTION OF T. 10 S., R. 7 W.

Chains	
	Ascend NW. slope over mountainous land, through medium dense juniper timber, and undergrowth of mahogany, service berry, and sagebrush unergrowth.
1.90	Spur, 60 ft. above sec. cor., slopes NE.; descend NE. slope
13.40	Head of ravine, 95 ft. below spur, drains N. 10°E.; ascend W. slope.
18.00	Ridge, 120 ft. above ravine, brs. N.10°E., and S.10°W.; descend NE. slope.
25.90	Ravine, 200 ft. below ridge, drains N. 10°E., from S.70°W.; ascend W. slope.
32.50	Spur, ridge, 85 ft. above ravine, projects N.; descend NE. slope, entering scattered juniper and medium dense sagebrush, brs. N. and S.
40.00	In head of draw, 100 ft. below spur, drains N. 10°E. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ <u>S 7</u> S18
	1933 from which
	A juniper, 12 ins. diam., brs. S.19°30'W., 74 lks. dist., marked $\frac{1}{4}$ S 18 B T.
	A juniper, 30 ins. diam., brs. N.76°30'W., 104 lks. dist., marked $\frac{1}{4}$ S. 7 B T.
	Ascend NW. slope.
44.00	Spur, 50 ft. above $\frac{1}{4}$ sec. cor., projects N. 10°E.; descend E. slope.
50.64	The cor. of secs. 7 and 18, 750. ft. below spur. Land, mountainous; N. exposure and drainage. Soil, rocky clay and sandy loam; 3ru rate. Timber, medium to scattered growth of scrub juniper. Undergrowth, medium dense sagebrush on mile, and medium growth of mahogany and service berry on portion of mile. Medium growth of grass and weeds. Good grazing land.
	From the cor. of secs. 6 and 7.
	S. 89° 56'W., on random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
81.12	Intersect W. bdy. of Tp., 7 lks. N. of the cor. of secs. 6 and 7; thence N. 89° 53'E., on true line bet. secs. 6 and 7.
	Ascend SW. slope over mountainous land, through medium dense juniper timber and undergrowth of sagebrush, service berry and mahogany.
4.00	Spur, 70 ft. above sec. cor., slopes SE.; descend E. slope

SUBDIVISION OF PORTION OF T. 16 S., R. 7 W.

ans. 10

Chains	
15.70	Bottom of canyon, 300 ft. below spur, drains N. 30° E.; ascend W. slope.
36.00	Ridge, 300 ft. above canyon, brs. NE. and SW.; descend SE. slope, entering scattered juniper timber, and scattered mahogany.
40.00	On SE. slope, 65 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S 6 S 7
	1933 from which
	A juniper, 18 ins. diam., brs. N. 43° E., 190 lks. dist., marked $\frac{1}{4}$ S 6 B T.
	A juniper, 18 ins. diam., brs. S. 52° 30' W., 19 lks. dist., marked $\frac{1}{4}$ S 7 B T.
50.10	Draw, 190 ft. below $\frac{1}{4}$ sec. cor., drains S.; descend along SE. slope.
68.30	Ravine, 425 ft. below $\frac{1}{4}$ sec. cor., drains NE.; thence along rolling N. slope.
78.20	Draw, drains N.
81.12	The cor. of secs. 6 and 7. Land, mountainous; NE. drainage. Soil, rocky clay and sandy loam; 3rd rate. Timber, scrub juniper. Undergrowth, medium dense sagebrush; scattered to medium growth of mahogany and service berry. Medium growth of grass and weeds. Good grazing land.

ESTABLISHMENT OF $\frac{1}{4}$ SEC. CORS. BETWEEN CLOSING CORNERS
ALONG PORTION OF 2nd STAN. PAR. S., THROUGH R. 7 W.

From original cor. of secs. 31 and 32, which is changed to an angle point as heretofore described; thence

East, along S. bdy. sec. 32.

- 2.18 The closing cor. of secs. 31 and 32, heretofore described
- 2.24 The closing cor. of secs. 5 and 6, T. 11 S., R. 7 W., which is a quartzite, 24 x 12 x 6 ins., firmly set, marked and witnessed as described in the official records.
- 40.00 The $\frac{1}{4}$ sec. cor., on S. bdy. of sec. 32, which is an iron post, 3 ft. long, 1 in. diam., set, marked and witnessed as described in the official records. I destroy the marking on this cor., and mark brass cap AP for angle point.
- 42.00 Mid-way between the closing cor. of secs. 31 and 32, and the closing cor. of secs. 32 and 33.
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in mound of stone to top, for

340

ESTABLISHMENT OF $\frac{1}{4}$ SEC. CORS. BETWEEN CLOSING CORNERS
ALONG PORTION OF 2nd STAN. PAR. S., THROUGH R. 7 W.

Chains	$\frac{1}{4}$ sec. cor., on S. bdy. sec. 32, with brass cap marked $\frac{1}{4}$ <u>S32</u> 1932 from which A juniper, 8 ins. diam., brs. N. 43° E., 9 lks. dist., marked $\frac{1}{4}$ S 32 B T. A juniper, 4 ins. diam., brs. N. 40° W., 41 lks. dist., marked "BT" only.
80.00	The original cor. of secs. 32 and 33, which is changed to an angle point. From the original cor. of secs. 32 and 33, changed to an angle point. East, along S. bdy. of sec. 33.
1.82	The closing cor. of secs. 32 and 33, heretofore described.
1.88	The closing cor. of secs. 4 and 5, T. 11 S., R. 7 W., which is an iron post, 3 ft. long, 2 ins. diam., set, marked and witnessed as described in the official records.
40.00	The original $\frac{1}{4}$ sec. cor., on S. bdy. sec. 33, which is an iron post, 3 ft. long, 1 in. diam., set, marked and witnessed as described in the official records. I destroy the marks on this cor., and mark brass cap AP for angle point.
41.82	Easting of 40.00 chs. from the closing cor. of secs. 32 and 33. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in mound of stone to top, for $\frac{1}{4}$ sec. cor., on S. bdy. sec. 33, with brass cap marked
	$\frac{1}{4}$ <u>S 33</u> 1932 from which A juniper, 6 ins. diam., brs. N. 31° E., 41 lks. dist., marked $\frac{1}{4}$ S 33 B T. A juniper, 6 ins. diam., brs. N. 63° W., 120 lks. dist., marked S 33 B T.
80.00	The stan. cor. of secs. 33 and 34, heretofore described.
	FINAL TEST OF SOLAR ATTACHMENT. June 4, 1933, near the completion of the survey of T. 10 S., R. 7 W., I test the solar apparatus by comparing its indications with the true meridian established by Polaris observations May 30, 1933, at my camp in the NE. cor. of sec. 32, as follows:- At 8h a.m., app. t., I set off $39^{\circ} 55'N.$ on the lat. arc; $22^{\circ} 27'N.$, on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

FINAL TEST OF SOLAR APPARATUS

T. 10 S., R. 7 W.

Chains

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $22^{\circ} 27\frac{1}{2}'$ N., which agrees with the computed decl. of the sun.

At 3h p.m., app. t., with the lat. arc unchanged, I set off $22^{\circ} 29'$ N., on the decl. arc and determine a meridian with the solar, which I find to agree with the true merid.

GENERAL DESCRIPTION OF T. 10 S., R. 7 W.

The land of this fractional township is mountainous in character through the west range of secs., consisting of rocky ridges and spurs of quartzite formation, drained by canyons and ravines. Through fractional secs. 16, 17, 20, 21, 31 and 32, rolling and broken hills of volcanic formation are encountered. A low ridge dividing the drainage in the township extends easterly and westerly through secs. 16, 17, and 18. To the north of this divide the drainage is in a northeasterly direction, and to the south, the drainage is southeasterly and to the south. The drainage of secs. 6 and 7, formed by two canyons and tributaries, is northeasterly. A rocky ridge of quartzite formation extends northerly and southerly through about the center of secs. 18, 19, 30, and 31. In secs. 18 and 19 canyons forming the main drainage, cut through this ridge in a southeasterly direction. In sec. 30, the drainage is easterly, formed by a deep canyon cutting the quartzite ridge. The west portion of sec. 31 drains to the south, and the east portion drains easterly into Judd creek. Judd creek heads in the east side of sec. 18, and drains southerly through secs. 17, 20, 29, and 32.

The soil of the mountainous portion through west range of secs. is a very rocky clay and sandy loam of quartzite formation, and the soil through secs. 16, 17, 20, 21, 31 and 32, consists of a poor rocky clay and sandy loam, lying on a hard volcanic formation. The soil throughout the fractional township supports a medium growth of sage brush. Through the west portion of secs. 7 and 18 some mahogany and service berry brush is found.

From a scattered to a medium dense growth of scrub juniper timber is found on most of the township. This timber is only valuable as fuel and for fencing.

On the west portion of township a number of small springs and small streams of clear water are found. A small stream of clear water enters the township in sec. 19, flows southeasterly through secs. 19 and 30, emptying into Judd creek in sec. 29. Also a small stream of water enters the township in sec. 7, flowing northeasterly about 15 chs. then sinking. Two small springs were noted in the NW $\frac{1}{4}$ sec. 19; one in NE $\frac{1}{4}$ sec. 31, one in NW $\frac{1}{4}$ sec. 30, and one in NE $\frac{1}{4}$ sec. 19. Judd creek, a stream of clear water, about 10 l wide, 3 ins. deep, flows southerly through east half of sec. 32. No other water was noted on the portion of town ship under this survey.

The lands embraced in this survey are only valuable for grazing purposes, the slopes being too broken for cultivation. All parts, which are accessible for stock, are used for grazing of cattle and sheep. Throughout the township is a fair growth of weeds and grass which affords good feed.

The applicants for survey of this township, Thomas and Jethro C. Rydalch, have improvements in sec. 29, a

U.S.

GENERAL DESCRIPTION OF T. 10 S., R. 7 W.

Chains

previously surveyed sec., consisting of log cabin, 24 x 12 ft., sheds, corrals, and fencing. Also they have about 60 acres of land under cultivation, raising fair crops of alfalfa and grain. Water for irrigating the crops is obtained from stream of water in canyon draining through sec. 19. The crops are used for feeding of cattle during the winter months, the cattle being ranged through secs. 19 and 30 during the summers. No direct ties were made to the improvements as they were not visible from any of the surveyed lines.

No indications of mineral, oil, oil shale, or coal were noted during the execution of this survey.

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BOOK A-512

4-680
(August, 1920)

FIELD ASSISTANTS,

CERTIFICATE OF UNITED STATES SURVEYOR

I, Ralph Gentry, U.S.G., ~~Cadastral Engineer~~, hereby certify upon honor that, in person, of special instructions received from the District Cadastral Engineer for Utah bearing date of the 28th day of Feb. 1931, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of dependent resurveys of portion of north boundary, and portion of subdivision; the reestablishment of 1 sec. cor. along 2nd Stan. Par. S., through R. 7, the survey of the west boundary and portion of subdivision, all of T. 10 S., R. 7 W., and the retracement of portion of south boundary of T. 9 S., R. 8 W., of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction, and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey Salt Lake City, Utah, Oct. 17, 1934.

Ralph Gentry
U.S. Cadastral Engineer ~~xxxxxx~~

APPROVAL

Office of ~~the~~ Supervisor of Survey,

Denver Colo., Feb. 28, 1931

The foregoing field notes of the ~~xxxxxx~~ dependent resurvey of portion of north boundary, and portion of subdivision; the establishment of 1 sec. cor. along portion of 2nd. Stan. Par. S., through R. 7 W., and the survey of west boundary, and portion of subdivision, all of T. 10 S., R. 7 W., and the retracement of portion of S. bdy. of T. 9 S., R. 8 W.,

executed by ... Ralph Gentry

under his special instructions dated Feb. 28, 1931, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

W. L. Johnson
W. L. Johnson
Supervisor of Survey

I certify that the foregoing transcript of the field notes of the above-described survey is _____
has been correctly copied from the original notes on file in this office.

W. L. Johnson
W. L. Johnson
Supervisor of Survey

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Page

~~4-670~~

BOOK 4512

FIELD NOTES

OF THE SURVEY OF THE

DEPARTMENTAL RESURVEY OF THE NORTH, SOUTH, EAST, AND WEST BOUNDARIES AND
SUBDIVISION: SURVEY OF SUBDIVISION-OF-SECTION LINES IN SECTIONS 20,
21, 28, AND 29, AND ESTABLISHMENT OF A CORNER MONUMENT ON LINE BET-
WEEN SECTIONS 20 AND 21, IN THE FIRST LAST ENTRY OF THE COAL MINE OF
THE SEVIER VALLEY COAL COMPANY, ALL IN T. 22 S., R. 3 E.

of the Salt Lake Meridian,

in the State of Utah.

EXECUTED BY

Eliph Gentry

and

Andrew Nelson

Cadastral Engineers

in the capacity of U. S. Surveyor, under Special Instructions dated May 16
and September 12, 1933, Supplemental

33, issued by the District Cadastral Engineer to govern surveys included in Group

247, which were approved by the Commissioner of the General Land
Office, June 13, 1933, and Assignment Instructions dated October 13, 1933
and Supplemental Assignment Instructions dated July 15, 1933.

Survey commenced August 3, 1933

Survey completed December 9, 1933

INDEX DIAGRAM.

Township			22 South			Range			3 East.			
23	23	23	23	23	23	23	23	23	23	23	23	22
32	31	29	28	27	25	24						21
	*	119	*	101	*	68	*	74	*	60	*	1
33		118	117	100	87			73		59		13
33	*	116	*	99	*	85	*	71	*	57	*	20
35		115	114	98	84			70		56		13
33	*	113	*	97	*	83	*	69	*	54	*	18
39		112	111	96	82			67		53		13
33	*	114	116	117	118							17
	*	109	108	107	129	128	127	126	125	124	123	122
41		129	128	127	126	125	124	123	122	121	120	119
33	*	106	105	104	128	129	128	127	126	125	124	15
43		128	129	128	127	126	125	124	123	122	121	13
33	*	102	*	89	*	75	*	61	*	47	*	14
45		3	5		6	8		9		5	11	12
	2	2	2	2	2	2	2	3	3	3	3	

Surveys in the mine of the Sevier Valley Coal Company,
pages 138 to 139.

T. 22 S., R. 3 E.

The resurvey of T. 22 S., R. 3 E., Salt Lake Meridian, Utah, was commenced August 3, 1933, and executed with Buff and Buff transits No. 8028, used by Ralph Gentry, U.S. Cadastral Engineer, and No. 9978, used by Andrew Nelson, U.S. Cadastral Engineer. The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

The instruments were approved for use on this survey, by conditional upon satisfactory field tests, by the district cadastral engineer, for Utah, in supplemental assignment instructions, dated July 15, 1933, issued to Ralph Gentry, and assignment instructions dated October 13, 1933, issued to Andrew Nelson.

The instruments were in good adjustment at the time of this survey, and the lines of the survey were determined by the solar method. In most places, these lines were checked by deflection angles from meridians determined by observations made upon Polaris.

In order to determine a meridian upon which to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows.

August 3, 1933: Stationed at my camp in the SE₄ sec. 21, T. 22 S., R. 3 E., Salt Lake Meridian, Utah, in approximate latitude 38°53' N.; longitude 111°43' W.; at 7h 49.9m p.m. by my watch which carries correct 105th meridian time, being checked by a Western Union clock at Salina, Utah, on this date; with instrument No. 8028, I make an hour angle observation on Polaris, E. of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the star in the direction W. to a tree about 12 miles to the N. of my station.

Local mean time of observation	7h 23m p.m.
Mean horizontal angle from Polaris to tree	0°55.1' W.
Azimuth of Polaris	0°50! W.
True bearing of tree	N. 0°05! W.

August 4, 1933: In order to verify the latitude of the above station, I make a meridian altitude observation of the sun for latitude, observing the altitude of the sun's lower limb with the telescope in direct position, reversing the telescope and observing the sun's upper limb.

Apparent time of observation, noon	12h 00m 00s
Mean observed altitude	68° 20.3'
Reduced latitude	38° 53! N.

During frequent intervals during the progress of this survey, with the instruments in the above meridian, every 30 minutes from 3.00 a.m. to 11.00 a.m. and from 1.00 p.m. to 5.00 p.m., we make the proper settings on the arcs of the solar attachments and ascertain that the resulting orientation of the instruments, when compared with the meridian established by observations on Polaris, has a maximum error of less than 1'30".

The mean magnetic declination was found to be 16°30' E.

MEASUREMENTS,

Unless otherwise specified all measurements are made with

T. 22 S., R. 3 E.

Lallic steel tapes 5' and 8' chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined with improved clinometers in good adjustment, and the slope measurements properly reduced to true horizontal distances.

In the survey of subdivision of secos. in this township, the vertical angles of all slope measurements were determined with the transits.

DEPENDENT RESURVEY SOUTH BOUNDARY, T. 22 S., R. 3 E.

Random Lines.

From the cor. of Tps. 22 and 23 S., Rs. 2 and 3 E., hereinafter described.

East, bet. secos. 6 and 31.

40.00 Fall no trace of the $\frac{1}{4}$ sec. cor.

74.31 Fall 7.875 chs. N. of the cor. of secos. 5, 6, 31, and 32, hereinafter described.

The course of this mile therefore is, S. $83^{\circ}57'$ E., and the proportionate distance for the W. half mile is 37.18 chs., and the proportionate distance for the E. half mile is 37.75 chs.

East, bet. secos. 5 and 32.

40.48 Fall 53 lks. N. of the $\frac{1}{4}$ sec. cor. hereinafter described

The course of this half mile therefore is, S. $89^{\circ}15'$ E., and the distance is 40.48 chs.

From the $\frac{1}{4}$ sec. cor.

East, with continuous measurement.

90.58 Fall 5 lks. S. of the cor. of secos. 4, 5, 32, and 33, hereinafter described.

The course of this half mile therefore is, N. $89^{\circ}58'$ E., and the distance is 40.32 chs.

East, bet. secos. 4 and 33.

40.10 Fall 12 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter described

The course of this half mile therefore is, S. $89^{\circ}50'$ E., and the distance is 40.10 chs.

From the $\frac{1}{4}$ sec. cor.

East, with continuous measurement.

90.32 Fall 30 lks. S. of the cor. of secos. 3, 4, 33, and 34, hereinafter described.

The course of this half mile therefore is, N. $89^{\circ}43'$ E., and the distance is 40.22 chs.

.S. S. I. . DEPENDENT RESURVEY SOUTH BOUNDARY, T. 22 S., R. 3 E.

Chains between sec. cor.	East, bet. secs. 3 and 34.
40.51	Fall 25 lks. S. of the $\frac{1}{4}$ sec. cor., hereinafter described. The course of this half mile therefore is, N. $89^{\circ}39'$ E., and the distance is 40.51 chs.
	From the $\frac{1}{4}$ sec. cor.
	East, with continuous measurement.
80.70	Fall 29 lks. S. of the cor. of secs. 2, 3, 34, and 35, hereinafter described. The course of this half mile therefore is, N. $89^{\circ}36'$ E., and the distance is 40.19 chs.
	East, bet. secs. 2 and 35.
40.72	Fall 35 lks. S. of the $\frac{1}{4}$ sec. cor., hereinafter described. The course of this half mile therefore is, N. $89^{\circ}30'$ E., and the distance is 40.72 chs.
	From the $\frac{1}{4}$ sec. cor.
	East, with continuous measurement.
80.00	Find no trace of the cor. of secs. 1, 2, 35, and 36. Continue on same line with continuous measurement.
120.00	Find no trace of the $\frac{1}{4}$ sec. cor. secs. 1 and 36.
160.57	Fall 105 lks. S. of the cor. of Tps. 22 and 23 S., Rs. 3 and 4 E., hereinafter described. The course of the line from the $\frac{1}{4}$ sec. cor. secs. 2 and 35, to the cor. of Tps. 22 and 23 S., Rs. 3 and 4 E., therefore is, N. $89^{\circ}30'$ E., and the proportionate distance for each half mile is 39.95 chs.

True Lines.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor in
1881 and resurveyed by A.D. Ferron,
U.S. Deputy Surveyor in 1890.

The cor. of Tps. 22 and 23 S., Rs. 2 and 3 E., is a sandstone, 9 x 5 x 5 ins. above ground, firmly set, marked 6 notches on N., E., S., and W., edges, 238 on SW. face, and 2E on NE. face. Cor. is witnessed by a small mound of stone W.

At the cor. point:

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the original cor. monument alongside, for the cor. of Tps. 22 and 23 S., Rs. 2 and 3 E., with brass cap marked

T22S	
R2E	R3E
S36	S31
S1	S6
T23S	
1933	

DEPENDENT SURVEY SOUTH BOUNDARY LINE SEC., R. 3 E.

Chains		aniso
	of stone, 3 ft. base, 2 ft. high, S. of cor.	
	Thence:	
	S. 83°57' E., on true line, bet. seccts 8 and 31.	
	Ascend abruptly over broken NW. slope of mountainous land through dense undergrowth of oak, serviceberry, buck, and sage brush.	
15.00	Spur, 180 ft. above cor., projects S. 150° W., and bears N. 50° E., about 5.00 chs. dist. to junction with ridge.	
20.00	Ridge, 50 ft. above spur, bears N. and S.; descend abrupt E. slope, through scattered juniper and pinon timber.	
30.00	Leave dense undergrowth and timber, bears N. and S.	
37.18	Proportionate point; on E. slope, 270 ft. below ridge.	
	Set an iron post, 3 ft. long, 1 in. diam., 38 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked	
	S31	
	$\frac{1}{4}$ _____	
	86	
	1933	
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.	
	From this cor., the W. end of fence from the E., bears S., 4.07 chs. dist.	
40.50	Draw, 60 ft. below cor., drains N.; ascend gradual W. slope through dense undergrowth.	
50.00	Spur, 160 ft. above draw, projects N.; descend gradual E. slope.	
66.50	Sagebrush draw, 310 ft. below spur, drains N. 30° W.; ascend abrupt W. slope.	
71.00	Undergrowth becomes more dense, bears N. and S.	
74.73	On W. slope, 150 ft. above draw; the cor. of secs. 5, 6, 31, and 32, which is a sandstone, 18 x 18 x 8 ins., loosely set in a mound of stone, marked 5 notches on E. edge and 1 notch on W. edge.	
	At the cor. point:	
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original cor. monument alongside, for the cor. of secs. 5, 6, 31, and 32, with brass cap marked	
	T22S R3E	
	S31 S32	
	86 85	
	T23S	
	1933	
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.	

INDEPENDENT RESURVEY SOUTH BOUNDARY, T. 22 S., R. 3 E.

Chains

0.000 Land, broken and mountainous, with a general northwesterly exposure and drainage.

0.000 Soil, shallow loose sand, clay, and rock; 3rd rate. Sandstone formation.

0.000 Undergrowth, scattered and dense sage, oak, serviceberry, and buck brush.

0.000 Timber, scattered juniper and pinon on W. portion of mile.

0.000 Fair grazing land.

at all points bet. sec. 5 and 32.

8. 89°15' E., bet. secs. 5 and 32.

Ascend abrupt W. slope of mountainous land, through dense undergrowth of sage, oak, serviceberry, and buck brush, along fence line, bearing E. and W.

5.70 Enter scattered juniper and pinon timber, and undergrowth of mahogany, bears N. and S.

18.70 Leave timber and mahogany, bears N. and S.

30.20 Slope changes from abrupt W. slope to gradual NW. slope, bears NE. and SW.

31.70 Enter dense aspen, and maple timber and undergrowth of serviceberry and chokecherry, bears NW. and SE.

39.50 Leave aspen and maple timber and undergrowth of serviceberry and chokecherry, bears N. and S.

40.46 On NW. slope, 690 ft. above sec. cor.

The $\frac{1}{4}$ sec. cor. of secs. 5 and 32, which is a sandstone, 12 x 9 x 6 ins., marked $\frac{1}{4}$ on N. face and witnessed by a small mound of stone to the N.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

S32
—
 $\frac{1}{4}$
S5

1933

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence:

N. 89°56' E., with continuous measurement.

43.10 Enter dense aspen timber, bears N. and S.

45.73 Ridge, bears N. 8°30' W. and S. 8°30' E., also the SE. cor. of fence, bearing W. and N. 8°30' W., 20 ft. above the $\frac{1}{4}$ sec. cor.; thence over rolling land.

46.00 Trail, bears N. and S.

50.70 Leave timber and tall undergrowth at E. rim of rolling land; bears N. and S.; descend gradual E. slope through dense short undergrowth.

DEPENDENT SURVEY SOUTH BOUNDARY, T. 23 S., R. 3 E.

Chains											
55.70	Slopes changes from gradual E. slope to gradual S. slope										
76.30	Head of draw, 270 ft. below ridge, drains S.; ascend gradually along S. slope.										
80.68	On gradual S. slope, 40 ft. above head of draw; the cor. of secs. 4, 5, 32, and 33, which is a stone, 18 x 12 x 3 ins., firmly set in a mound of stone, marked 4 notches on E. edge and 2 notches on W. edge.										
	At the cor. point:										
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in t ground, with the original cor. monument alongside, for cor. of secs. 4, 5, 32, and 33, with brass cap marked										
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">T22S. R3E</td> </tr> <tr> <td>S32</td><td>S33</td></tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td>S5</td><td>S4</td></tr> <tr> <td colspan="2">T23S</td> </tr> </table>	T22S. R3E		S32	S33	<hr/>		S5	S4	T23S	
T22S. R3E											
S32	S33										
<hr/>											
S5	S4										
T23S											
	1933										
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.										
	Land, broken and mountainous, with a general southerly and northwesterly exposure and drainage.										
	Soil, shallow loose sand, clay, and rock; 3rd rate. Sandstone formation.										
	Undergrowth, dense short and tall sage, oak, serviceberry chokecherry, and buck brush.										
	Timber, dense aspen and maple, and scattered juniper and pinon, on portions of mile.										
	Fair grazing land.										
	<hr/>										
	S. 89°50' E., bet. secs. 4 and 33.										
	Ascend gradually along S. slope of mountainous land, through dense undergrowth of sage, buck, and serviceberry brush and scattered juniper and pinon timber.										
5.30	Top of ascent on S. slope, 35 ft. above cor., bears N. and S.; leave timber, bears with top of ascent; descend gradually along S. slope.										
6.30	Spur, 15 ft. below top of ascent, projects S. 60° E.; descend abrupt NE. slope.										
26.30	Slope changes from abrupt NE. slope to abrupt E. slope.										
37.50	Leave serviceberry and buck brush, bears N. and S.; then through scattered undergrowth of sagebrush.										
40.10	At base of abrupt descent, 805 ft. below spur, bears N. and S.; the cor. of secs. 4 and 33, which is a sandstone, 12 x 10 x 10 ins., firmly set in small mound of stone, marked on N. face.										
	At the cor. point:										
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in t ground, with the original cor. monument alongside, for cor. of secs. 4 and 33, with brass cap marked										

DEPENDENT RESURVEY SOUTH BOUNDARY, T. 22 S., R. 3 E.

Chains

S33

S4

1933

raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence:

N. $89^{\circ}43'$ E., with continuous measurement.

- 42.30 Enter dense undergrowth of oak and serviceberry brush, bears N. and S.
- 53.30 Leave dense undergrowth of oak and serviceberry brush, bears N. and S.; thence through scattered undergrowth of sagebrush.
- 56.30 Irrigation ditch, drains N.
- 56.90 Irrigation ditch, drains N. along W. side of bottom of canyon; dense undergrowth of willows along ditch; thence across bottom of canyon.
- 63.70 Nioche Creek, stream of good water, 6 lks. wide, 4 ins. deep, in bottom of canyon, 215 ft. below the sec. cor., drains N.; dense cottonwood along banks of creek; ascend gradual W. slope.
- 77.20 Spur, 25 ft. above creek, projects NE.; road on spur, bears NE. and SW.; descend gradual SE. slope.
- 80.32 On gradual SE. slope, 10 ft. below spur, the cor. of secs. 3, 4, 33, and 34, which is a volcanic stone, 12 x 8 x 6 ins., firmly set in small mound of stone, marked 3 notches on E. and W. edges.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 3, 4, 33, and 34, with brass cap marked

T22S R3E	
S33	S34
—	
S4	S3
T23S	

1933

raise a mound
of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, mountainous, with a general southerly and easterly exposure and drainage.

Soil, shallow sand, clay, and rock; 3rd rate.
Sandstone and volcanic formation.

Undergrowth, scattered and dense sage, oak, and buck brush.

Timber, scattered juniper and pinon on W. portion of mile, and dense cottonwood along banks of Nioche Creek.

Fair grazing land.

DEPENDENT RESURVEY SOUTH BOUNDARY, T. 22 S., R. 3 E.

Chains	
	N. $89^{\circ}39'$ E., bet. secs. 3 and 34.
	Descend gradual E. slope of rolling mountainous land, across a grassy meadow.
6.50	Draw, 20 ft. below cor., drains N. 10° E.; ascend gradual NW. slope.
12.50	Small spur, 10 ft. above draw, projects N.; descend gradual E. slope.
15.80	Small stream of good water in bottom of draw, 15 ft. below spur, drains N. 20° W.; leave meadow land and ascend gradual W. slope of spur, through scattered under growth of sagebrush and juniper and pinon timber, bears N. 20° W. and S. 20° E.
24.00	Spur, 100 ft. above draw, projects N, 10° W.; descend gradual E. slope.
30.10	Draw, 30 ft. below spur, drains N., 10.00 chs. dist., thence NE.; ascend gradual W. slope.
35.90	Spur, 25 ft. above draw, projects N., 7.00 chs. dist.; descend gradual E. slope.
40.51	On gradual E. slope, 30 ft. below spur; the $\frac{1}{4}$ sec. cor. secs. 3 and 34, which is volcanic stone, 30 x 24 x 18 ins., marked $\frac{1}{4}$ on N. face. Cor. has no accessories.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S34. — S3
	1933
	from which
	A juniper, 5 ins. diam., bears N. 40° E., 15 lks. dist., marked $\frac{1}{4}$ S34 BT.
	A juniper, 6 ins. diam., bears S. $1^{\circ}15'$ W., 224 lks. dist., marked $\frac{1}{4}$ S3 BT.
	Thence:
	N. $89^{\circ}36'$ E., with continuous measurement.
43.30	Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains N. 20° W., about 8.00 chs. dist. dist., thence NE., and heads S. 20° E., 5.00 chs. dist.; ascend W. slope.
55.10	Spur, 65 ft. above draw, projects N. 10° E.; descend along S. slope.
67.00	Intersection of the W. end of fence bearing E., with fence bearing N. $6^{\circ}30'$ E. and S. $6^{\circ}30'$ W.
71.00	Slope changes from a gradual S. slope to a gradual E. slope.
80.70	In fence line bearing E. and W., on gradual E. slope, 70 ft. below spur; the cor. of secs. 2, 3, 34, and 35,

DEPENDENT RESURVEY SOUTH BOUNDARY, T. 33 S., R. 3 E.

500

Chains

which is a volcanic stone, 9 x 9 x 4 ins., firmly set in small mound of stone, marked 2 notches on E. edge and 4 notches on W. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 2, 3, 34, and 35, with brass cap marked

T22S	R3E
S34	S35

83	82
T23S	

1934

from which

A juniper, 10 ins. diam., bears N. 81° E., 119 lks.
dist., marked T22S R3E S35 BT.

A juniper, 6 ins. diam., bears S. $33^{\circ}45'$ E., 136 lks.
dist., marked T23S R3E S2 BT.

A juniper, 5 ins. diam., bears S. 55° W., 23 lks.
dist., marked T23S R3E S3 BT.

A juniper, 12 ins. diam., bears N. $57^{\circ}30'$ W., 26 lks.
dist., marked T22S R3E S34 BT.

Land, rolling and mountainous, with a general northerly exposure and drainage.

Soil, shallow dark loam and rock; 3rd rate.
Volcanic formation.

Undergrowth, scattered sagebrush on E. portion of mile;
W. portion of the 1/2 mile is grassy and low land.

Timber, scattered scrub juniper and pinon in E. portion of mile.

Good grazing land.

W. $89^{\circ}30'$ E., bet. secs. 2 and 35.

Descend gradual E. slope of rolling mountainous land, through scattered juniper and pinon timber, and scattered undergrowth of sagebrush. Line follows along fence bearing E. and W.

27.40 Wash, 3.00 chs. wide, 3 $\frac{1}{2}$ ft. deep, drains NE. from S. 50°W.

40.10 The NE. cor. of fences bearing W. and S.

40.72 On gradual E. slope, 80 ft. below sec. cor.; the $\frac{1}{2}$ sec. cor. of secs. 2 and 35, which is a volcanic stone, 23 x 12 x 6 ins. above ground, firmly set, marked $\frac{1}{2}$ on N. face. Cor. has no accessories.

At the W. edge of the cor. monument.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked

DEPENDENT SURVEY SOUTH BOUNDARY T22S R. 3 E.

Chains

S35

52

1933

from which

A juniper, 6 ins. diam., bears S. $11^{\circ}30'$ W., 189 lks.
dist., marked $\frac{1}{4}$ S2 BT.

A juniper, 12 ins. diam., bears N. $39^{\circ}30'$ W., 332 lks.
dist., marked $\frac{1}{4}$ S35 BT.

Continue on same line, with continuous measurement.

- 48.30 Begin abrupt descent over E. slope, bears N. and S.
- 51.90 Yogo Creek, stream of good water, 5 lks. wide, 2 ins. deep, 130 ft. below the $\frac{1}{4}$ sec. cor., drains N. from S. 20° E.; thence across sagebrush bottom lands.
- 57.50 State Highway, bears N. 10° W. to Salina, Utah, and S. 10° E. to Emery, Utah.
- 58.85 Spur, 60 ft. above Yogo Creek, projects N. 60° W.; descend steep NE. slope
- 63.00 Draw, 30 ft. below spur, drains N. 60° W.; ascend steep SW. slope through dense juniper, pinon, and mahogany.
- 70.00 Ascent changes from abrupt SW. slope to a gradual W. slope.
- 74.40 Spur, 160 ft. above draw, projects S. 15° W.; descend gradual SE. slope.
- 80.67 Proportionate point; on gradual SE. slope, 25 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, with brass cap marked

T22S	R3E
S35	S36

S2	S1
T23S	

1933

from which

A juniper, 6 ins. diam., bears N. 51° E., 29 lks.
dist., marked T22S R3E S36 BT.

A juniper, 8 ins. diam., bears S. 64° E., 30 lks.
dist., marked T23S R3E S1 BT.

A juniper, 14 ins. diam., bears S. $64^{\circ}30'$ W., 11 lks.
dist., marked T23S R3E S2 BT.

A pinon, 6 ins. diam., bears N. $78^{\circ}30'$ W., 33 lks.
dist., marked T22S R3E S35 BT.

Land, rolling and mountainous with a general northerly exposure and drainage.

Soil, shallow dark loam, sand, and rock; 3rd rate.
Sandstone and volcanic formation.

500

DEPENENT RESURVEY SOUTH BOUNDARY, T. 32 S., R. 3 E.

Chains

- 31.700 Undergrowth, scattered sagebrush and mahogany.
 Timber, scattered and dense juniper and pinon.
 Fair grazing land.
-
- Reestablishment of surveys executed by
 A.D. Ferron, U.S. Deputy Surveyor,
 in 1890.
- N. 39° 30' E.; bet. secs. 1 and 36.
- Descend steep SE. slope of broken mountainous land, over small sandstone ledges, through dense juniper and pinon timber, and scattered undergrowth of sagebrush.
- 12.30 Wash in bottom of draw, 120 ft. below cor., drains S. 30° W.; ascend NW. slope along the N. side of an open sagebrush flat.
- 16.30 Spur, 90 ft. above wash, projects S. 50° W.; descend SE. slope.
- 25.50 Large draw, 45 ft. below spur, drains S., about 8.00 chs. dist. to junction of main draw draining from SE.; ascend gradually.
- 29.40 Low spur, projects SW., 1.00 chs. dist. from the NE.; ascend gradually along S. slope.
- 33.40 West edge of small cove, bears N. 80° E. and S. 60° W.
- 39.95 Proportionate point; in N. edge of small cove, 60 ft. above large draw.
- Set an iron post, 3 ft. long, 1 in. diam., 70 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- S36
 $\frac{1}{4}$ —
 Sl
 1933
- from which
- A pinon, 12 ins. diam., bears N. 61° 15' E., 29 lks. dist., marked $\frac{1}{4}$ S36 BT.
- A pinon, 8 ins. diam., bears S. 9° E., 79 lks. dist., marked $\frac{1}{4}$ Sl BT.
- Continue on same line with continuous measurement.
- 43.40 Leave bottom of cove, bears SE. and N. 80° W.; ascend along SW. slope broken by ledges.
- 63.80 Top of ledge, 20 ft. high, bears N. and S.; thence through dense mahogany, bears with ledge.
- 72.50 Leave mahogany and enter dense sagebrush, bears N. and S. 30° E.
- 77.90 Enter dense mahogany and scattered pinon and juniper timber, bears S. and N. 30° E.
- 78.90 On gradual SE. slope, 800 ft. above the $\frac{1}{4}$ sec. cor.; the cor. of Tps. 22 and 23 S., Rs. 3 and 4 E., which is a sandstone, 20 x 12 x 5 ins., firmly set, marked 6 notches

DEPENDENT RESURVEY OF SOUTH BOUNDARY, T. 22 S., R. 3 E.

Series D

Chains

on N., E., and S., edges, and 1 notch on W. edge. Cor. unwitnessed.

At the cor. point:

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with the original cor. monument alongside, for cor. of Tps. 22 and 23 S., Rs. 3 and 4 E., with brass cap marked

T22S	
R3E	R4E
S36	S31

S1	S6
T23S	

1933

from which

A juniper, 8 ins. diam., bears N. $68^{\circ}15'$ E., 56 lks. dist., marked T22S R4E S31 BT.

A pinon, 10 ins. diam., bears S. $21^{\circ}30'$ E., 109 lks. dist., marked T23S R4E S6 BT.

A mahogany, 8 ins. diam., bears S. 55° W., 36 lks. dist., marked T23S R3E S1 BT.

A mahogany, 5 ins. diam., bears N. $69^{\circ}30'$ W., 27 lks. dist., marked T22S R3E S36 BT.

Land, broken and mountainous, with a general southerly exposure and drainage.

Soil, shallow sand, clay, gravel, and rock; 3rd rate. Sandstone formation.

Undergrowth, scattered and dense sage, oak, and mahogany.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY EAST BOUNDARY, T. 22 S., R. 3 E.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor,
in 1890.

Random Lines.

From the cor. of Tps. 22 and 23 S., Rs. 3 and 4 E..

North, bet. secs. 31 and 36.

40.11 Fall 10 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described

The course of this half mile, therefore is, N. $0^{\circ}09'$ E., and the distance is 40.11 chs.

From the $\frac{1}{4}$ sec. cor.

North, with new measurement.

40.00 Find no trace of the cor. of secs. 25, 30, 31, and 36.

Continue on same line with continuous measurement.

36.00 DEPENDENT RESURVEY EAST BOUNDARY, T. 23 S., R. 3 E.

Chains

80.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 25 and 30.

Continue on same line with continuous measurement.

124.51 Fall 2.30 chs. E. of the cor. of secs. 19, 24, 25, and 30, hereinafter described.

The course of the line from the $\frac{1}{4}$ sec. cor. secs. 31 and 36, to the cor. of secs. 19, 24, 25, and 30, therefore is, N. $1^{\circ}04'$ W., and the proportionate distance for each half mile, is 41.51 chs.

North, bet. secs. 19 and 24.

40.09 Fall 51 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}44'$ E., and the distance is 40.09 chs.

From the $\frac{1}{4}$ sec. cor.

North, with continuous measurement.

79.17 Fall 3 lks. W. of the cor. of secs. 13, 18, 19, and 24, hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}03'$ E., and the distance is 39.08 chs.

North, bet. secs. 13 and 18.

40.00 Find no trace of the $\frac{1}{4}$ sec. cor.

Continue on same line with continuous measurement.

79.31 Fall $142\frac{1}{2}$ lks. W. of the cor. of secs. 7, 12, 13, and 18, hereinafter described.

The course of this mile therefore is, N. $1^{\circ}01'$ E., and the proportionate distance for each half mile is 39.91 chs.

North, bet. secs. 7 and 12.

40.00 Find no trace of the $\frac{1}{4}$ sec. cor.

Continue on same line with continuous measurement.

81.31 Fall 80 lks. E. of the cor. of secs. 1, 6, 7, and 12, hereinafter described.

The course of this mile therefore is, N. $0^{\circ}34'$ W., and the proportionate distance for each half mile is 40.655 chs.

North, bet. secs. 1 and 6.

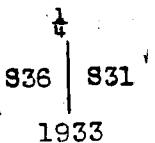
40.49 Fall 39 lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}33'$ W., and the distance is 40.49 chs.

From the $\frac{1}{4}$ sec. cor.

North, with continuous measurement.

DEPENDENT RESURVEY OF EAST BOUNDARY, T. 22 S., R. 3 E.

Chains	
79.92	Fall 39 lks. E. of the cor. of Tps. 21 and 22 S., Rs. 3 and 4 E., hereinafter described. The course of this half mile therefore is, N. $0^{\circ}34'$ W., and the distance is 39.43 chs.
	True Lines.
	From the cor. of Tps. 22 and 23 S., Rs. 3 and 4 E., hereinafter described.
	N. $0^{\circ}09'$ E., on true line, bet. secs. 31 and 36.
	Ascend gradual SE. slope of rolling mountainous land, through dense juniper and pinon timber and undergrowth of sagebrush and mahogany..
3.20	Spur, 20 ft. above cor., projects N. 80° W.; descend N. slope through dense serviceberry and chokecherry brush.
18.20	Leave serviceberry and chokecherry undergrowth; enter dense sagebrush, bears E. and W..
21.50	Draw, 270 ft. below spur, drains W.; ascend S. slope.
23.70	Enter dense pinon and juniper timber and undergrowth of mahogany, bears N. 80° E. and S. 60° W.
34.50	Spur, 220 ft. above draw, projects N. 80° W., 10.00 chs. dist. to point where it forks and projects NW. and S. 60° descend N. slope through undergrowth of sage and scattered serviceberry and oak brush, bears E. and W.
40.11	On gradual N. slope, 65 ft. below spur. The $\frac{1}{4}$ sec. cor. secs. 31 and 36, which is a sandstone, 12 x 10 x 8 ins., firmly set, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
	 from which
	An oak, 4 ins. diam., bears N. $16^{\circ}15'$ E., 162 lks. dist., marked $\frac{1}{4}$ S31 BT.
	An oak, 4 ins. diam., bears N. 59° W., 130 lks. dist., marked $\frac{1}{4}$ S36 BT.
	Thence:
	N. $1^{\circ}04'$ W., with continuous measurement.
48.00	Old road, bears S. 80° E. and W.
54.20	Draw, 390 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° W.; ascend SE. slope.

10

~~DEPARTMENT OF THE ARMY~~ DEPENDENT SURVEY OF EAST BOUNDARY, T. R2 S., R. 3 E.

Chains

- 59.50 Sandstone ledge, 30 ft. high, bears NW., and SE. 5.00 chs. dist., thence E.; continue ascent.
- 74.00 The W. point of spur, 220 ft. above draw; descend gradual NW. slope through undergrowth of oak and mahogany.
- .81.68 Proportionate point; on NW. slope, 60 ft. below point of spur.
- Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, with brass cap marked

T22S	
R3E	R4E
S25	S30
S36	S31

1933

from which

An oak, 4 ins. diam., bears S. 23° E., 75 lbs. dist., marked T22S R4E 831 PT.

A mahogany, 2 ins. diam., bears S. $0^{\circ}45'$ W., 172 lbs. dist., marked T22S R3E S3 $^{\circ}$ PT.

A yellow pine, 12 ins. diam., bears N. $37^{\circ}45'$ W., 6.70 chs. dist., marked T22S R3E S25 PT.

No suitable bearing tree in sec. 30 available.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow loose sand, clay, and rock; fri. rate. Sandstone formation.

Undergrowth, scattered and dense sage, oak, serviceberry, chokecherry, mahogany, and buck brush.

Timber, scattered and dense juniper & pinon.

Fair grazing land.

N. $1^{\circ}04'$ W., bet. secs. 25 and 30.

Descend NE. slope of broken mountainous land, through dense undergrowth of sage and scattered serviceberry brush.

9.30 Draw, 95 ft. below cor., drains S. 80° W.; ascend S. slope.

9.20 Old road, bears N. 75° E. and S. 75° W.

23.20 Enter medium dense mahogany, pinon, and juniper, bears E. and NW.

26.80 Timber becomes very scattered, bears E. and W.

28.30 Spur, 240 ft. above draw, projects N. 70° W.; descend along W. slope.

41.51 Proportionate point; on W. slope, 90 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for t sec. cor., with brass cap marked

DEPENDENT SURVEY BASE BOUNDARY, TOWNSHIP R. 3 E.

Chains				asides
				1/4 sec. cor. post, 12 ins. diam., 30 ins. high, with 2 notches, 625. S30 BT.
				1933 date, N. off 30° E. from which
				A juniper, 6 ins. diam., bears N. 24°15' E., 38 lks. dist., marked 1/4 S30 BT.
				A mahogany, 8 ins. diam., bears N. 79°15' W., 444 lks. dist., marked 1/4 S25 BT.
				Continue on same line with continuous measurement.
46.50				Slope changes from a W. slope to a NW. slope, bears NE. and SW.; enter dense undergrowth of serviceberry, choke- cherry, oak, and buck brush, bears with change of slope.
66.80				Old road, bears N. 60° E. and S. 60° W.; undergrowth becomes scattered, bears with road.
68.40				Wash, 30 lks. wide, 20 ft. deep, in draw, 585 ft. below the 1/4 sec. cor., drains S. 65° W.; ascend steep rocky SE. slope, through dense pinon and juniper timber, bears N. 65° E. and S. 65° W.
82.80				Sandstone ledge, 60 ft. high, bears NE. and SW.
83.02				On broken SE. slope, 410 ft. above draw. The cor. of secs. 19, 24, 25, and 30, which is a sandston 11 x 9 x 3 ins., broken in 2 pieces, each marked with 2 notches. Cor. has no accessories.
				At the cor. point: Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground and in a small mound of stone, with the pieces of the original cor. monument alongside, for cor. of secs. 19, 24, 25, and 30, with brass cap marked
				T22S R3E R4E S24 S19 ---+--- S25 S30
				1933 from which
				A pinon, 18 ins. diam., bears N. 19°45' E., 23 lks. dist., marked T22S R4E S19 BT.
				A juniper, 15 ins. diam., bears S. 61°30' E., 47 lks. dist., marked T22S R4E S30 BT.
				A juniper, 12 ins. diam., bears S. 23° W., 27 lks. dist., marked T22S R3E S25 BT.
				A pinon, 18 ins. diam., bears N. 70°30' W., 27 lks. dist., marked T22S R3E S24 BT.
				Land, broken and mountainous, with a general westerly exposure and drainage.
				Soil, shallow loose sand, clay, sand rock; 3rd rate. Sandstone formation.

.2 .5 DEPENDENT RESURVEY EAST BOUNDARY, T. 22 S., R. 3 E.

Chains	
	Undergrowth, scattered and dense sage, oak, serviceberry, chokecherry, mahogany, and buck brush.
	Timber, scattered and dense juniper and pinon.
	Fair grazing land.
	N. 0°44' E., bet. secs. 19 and 24.
	Ascend gradual SE. slope of broken mountainous land, through dense juniper and pinon timber and scattered undergrowth of sagebrush.
3.20	Slope changes from gradual SE. slope to a gradual S. slope; timber becomes scattered, bears SE. and NW.
12.80	Begin abrupt ascent over rocky S. slope through dense juniper and pinon timber, bears E. and W.
17.80	Ascent becomes gradual and timber scattered, bears E. and W.
19.20	Slope changes from a gradual S. slope to a gradual SW. slope.
25.90	Top of ascent, 355 ft. above cor., bears E. and slopes ""; descend gradually along W. slope.
34.10	Bottom of shallow swale, 40 ft. below top of ascent, drains W.; continue gradual descent along W. slope.
40.09	On gradual W. slope, 40 ft. below swale.
	The $\frac{1}{4}$ sec. cor. secs. 19 and 24, which is a sandstone, 12 x 9 x 3 ins., marked $\frac{1}{4}$ on W. face. Cor. has no accessories.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ 824 S19 1933
	from which
	A pinon, 3 ins. diam., bears S. 87° 30' E., 196 lks. dist., marked BT.
	No other suitable accessories available.
	Thence:
	N. 0°03' E., with continuous measurement.
46.50	Bottom of small ravine, 20 ft. below cor., drains W.; ascend gradually along W. slope.
52.30	Top of ascent on W. slope, 30 ft. above ravine, bears E. and W.; leave timber and enter dense undergrowth of sage, oak, and serviceberry brush, bears E. and W.; descend abrupt NW. slope.

DEPENDENT SURVEY, EAST BOUNDARY, T. 22 S., R. 3 E.

Crown

Chains	Descripti
55.40	Sandstone rim, 25 ft. high, bears E. and W.
62.00	Bottom of small ravine, 80 ft. below top of ascent, drain W.; ascend gradually along W. slope through dense juniper and pinon timber.
68.50	Low flat spur, 60 ft. above ravine, projects NW.; descent gradual N. slope through dense undergrowth of sage, oak, serviceberry, and buck brush.
73.90	Undergrowth becomes scattered; bears E. and W.
79.17	On gradual N. slope, 210 ft. below spur. The cor. of secs. 13, 18, 19, and 24, which is a sandstone 12 x 8 x 5 ins., loosely set, marked 3 notches on N. and S. edges. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2' ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 13, 18, 19, and 24, with brass cap marked

T22S	
R3E	R4E
S13	S18

S24	S19

1933

from which

A red cedar, 8 ins. diam., bears N. $30^{\circ}30'$ W., 417 lks. dist., marked S13 BT. Tree too gnarled for other mark

No other suitable bearing trees available.

Alongside of cor., is a metal Forest Service poster, nailed on a juniper post, marking the boundary of the Fish Lake National Forest.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow loose sand, clay, and rock; 3rd rate. Sandstone formation.

Undergrowth, scattered and dense sage, oak, serviceberry, mahogany, and buck brush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

N. $1^{\circ}01'$ E., bet. secs. 13 and 18.

Ascend gradual SW. slope of broken mountainous land, through scattered undergrowth of sage, oak, and serviceberry undergrowth.

1.75 Wash, 25 lks. wide, 8 ft. deep, in draw, drains N. 70° W. continue ascent over SW. slope.

23.90 Slope changes from a gradual SW. slope to an abrupt S. slope; enter dense juniper and pinon timber, bears E. and SW.

DEPENDENT RESURVEY EAST BOUNDARY, T. 22 S., R. 3 E.

Chains

- 32.20 Spur, 290 ft. above cor., slopes N. 85° W.; leave timber, bears E. and W.; descend gradual N. slope.
- 39.91 Proportionate point; on gradual N. slope, 120 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone to top, with a sandstone, 6 x 5 x 4 ins., marked X deposited at base of post, for $\frac{1}{4}$ sec. cor., with brass cap marked

t	
S13	S18
1933	

Continue on same line with continuous measurement.

- 47.80 Bottom of deep narrow gulch, 100 ft. below the $\frac{1}{4}$ sec. cor., drains W.; ascend gradual S. slope through scattered juniper and pinon timber.
- 50.70 Leave timber, bears E. and W.
- 64.80 Enter dense juniper and pinon timber at base of abrupt ascent over S. slope, bears E. and W.
- 70.80 Ascent becomes gradual, bears E. and W.
- 72.20 Spur, 290 ft. above gulch, projects S. 75° W.; descend gradual NW. slope.
- 74.80 Timber becomes scattered, bears E. and W.
- 79.82 On gradual NW. slope, 80 ft. below spur.

The cor. of secs. 7, 12, 13, and 18, which is a sandstone, 24 x 8 x 6 ins., lying on the ground, marked 2 notches on one edge and 4 notches on opposite edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 7, 12, 13, and 18, with brass cap marked

T22S	
R3E	R4E
S12	S7
S13 S18	
1933	

from which

A pinon, 4 ins. diam., bears N. 81°45' E., 42 lvs. dist., marked BT.

A pinon, 8 ins. diam., bears S. 69°45' E., 131 lvs. dist., marked BT.

A pinon, 4 ins. diam., bears N. 36°30' W., 184 lvs. dist., marked S12 BT.

Trees too gnarled for other marks and no bearing tree available in sec. 13.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
T. 23 S. R. 3 E.

Chains

Land, broken and mountainous, with a general westward exposure and drainage.

Soil, shallow loose sand, clay, and rocky; sand rate. Sandstone formation.

Undergrowth, scattered and dense sage, oak, serviceberry, and bush brush.

Timber, scattered and dense juniper and pinon on portions of ridge.

Fair grazing land.

W. 0°34' W., bet. secs. 7 and 12.

Descend gradual W. slope of broken mountainous land, through scattered undergrowth of serviceberry and sage brush.

17.40 Bottom of hollow, 120 ft. below cor., drains W.; ascend gradual S. slope across sagebrush bench.

25.60 Leave serviceberry undergrowth and enter scattered juniper and pinon timber, bears E. and W.; ascend more abrupt S. slope.

29.37 Top of high spur, 190 ft. above hollow, projects W.; descend NW. slope.

41.835 Proportionate point; on NW. slope, 150 ft. below top of spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/2 sec. cor., with brass cap marked

512 | 87

1933

from which

A pinon pine, 7 ins. diam., bears N. 8° E., 72 lks dist., marked 1/2 87 BT.

A red cedar, 10 ins. diam., bears N. 74° 30' E., 166 lks dist., marked 1/2 37 BT.

No suitable bearing; tree available in sec. 12.

Continue on same line with continuous measurement.

43.50 Begin abrupt descent over N. face of sandstone ledges, 69 ft. high, bears E. and W.; thence through dense undergrowth of oak and serviceberry brush.

45.80 Base of ledges, bears E. and W.; continue abrupt descent over W. slope.

58.20 Bottom of Skumpah Canyon, 730 ft. below the 1/2 sec. cor. drains S. 80° W.; ascend abrupt S. slope through scattered juniper and pinon and dense mahogany.

57.40 Top of vertical sandstone ledge, 125 ft. high, faces S. and bears E. 80° E. and S. 80° W.

75.20 Begin gradual ascent over S. slope of sagebrush bench, bears E. and W.

. P. S. F. DEPENDENT RESERVES EAST BOUNDARY, T. 22 S., R. 3 E.

Chains

81.31 On gradual S. slope in dense sagebrush, 615 ft. above Skumpah Canyon.

The cor. of secs. 1, 6, 7, and 12, which is a sandstone, 12 x 9 x 2 ins., firmly set, marked 1 notch on N. edge and 5 notches on S. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

T22S	R4E
S1	S6

S12	S7

1933

from which

A juniper, 10 ins. diam., bears S. 54°20' E., 344 lks. dist., marked T22S R4E S7 BT.

No other bearing trees available.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow loose sand, clay, and rock; 3rd rate. Sandstone formation.

Undergrowth, scattered and dense sage, oak, serviceberry, and mahogany.

Timber, scattered and dense juniper and pinon on portions of mile.

Fair grazing land.

N. 0°33' W., bet. secs. 1 and 6.

Ascend gradual S. slope of bench land, through dense undergrowth of sagebrush.

13.50 Enter scattered juniper and pinon timber and undergrowth of sage, oak, serviceberry, and mahogany, bears E. and W.

25.70 Top of ascent, 280 ft. above cor., bears E. and W.; descend gradually along W. slope.

38.50 Small ravine, drains W.; continue gradual descent.

40.49 On gradual W. slope, 55 ft. below top of ascent.

The $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is a sandstone, 15 x 7 x 7 ins., marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

DEPENDENT RESURVEY EAST BOUNDARY, T. 22 S., R. 3 E.

Chains		eastward
	A small area nears mile line, 1/2 mile SSW of Laramie no. 12, 18 S1 S6	12.18
	A cedar, 6 ins. diam., bears N. 22° 30' E., .89½ lks. dist., marked $\frac{1}{4}$ S6 BT.	from which
	A red cedar, 5 ins. diam., bears N. 36° 30' W., .92 lks. dist., marked $\frac{1}{4}$ S1 BT.	
	Thence:	
	N. 0° 34' W., with continuous measurement.	
44.30	Bottom of small ravine, 40 ft. below the $\frac{1}{4}$ sec. cor., drains W.; growth of fir timber found along bottom of ravine; ascend gradually through dense juniper and pinon timber, bears E. and W.	
53.50	Low spur, 100 ft. above ravine, projects N. 80° W.; descend gradually along W. slope through medium dense juniper and pinon timber and undergrowth of sage, oak, serviceberry, and mahogany.	
62.70	Wide swale, 20 ft. below spur, drains W.; ascend gradually along W. slope.	
73.50	Top of ascent on W. slope, 65 ft. above swale; descend gradually along W. slope through scattered juniper and pinon timber and undergrowth of sage, oak, serviceberry, and buck brush.	
79.92	On gradual W. slope, 40 ft. below top of ascent. The cor. of Tps. 21 and 22 S., Rs. 3 and 4 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 21 S. R. 4 E. Land, broken and mountainous, with a general westerly exposure and drainage. Soil, shallow loose sand, clay, and rock; 3rd rate. Sandstone formation. Undergrowth, scattered and dense sage, oak, serviceberry, mahogany, and buck brush. Timber, scattered and dense juniper and pinon on portions of mile; fir timber found along the bottoms of the deep ravines. Fair grazing land.	
	DEPENDENT RESURVEY NORTH BOUNDARY, T. 22 S., R. 3 E.	
	Reestablishment of surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890, and resurveyed by H.D. Page and J.M. Lentz, U.S. Deputy Surveyors in 1903.	
	Random Lines. From the cor. of Tps. 21 and 22 S., Rs. 3 and 4 E., West, bet. secs. 1 and 36.	

DEPENDENT RESURVEY NORTH BOUNDARY, T. 23 S., R. 3 E.

Chains

- 39.86 Fall 2.535 chs. N. of the $\frac{1}{4}$ sec. cor., hereinafter described.
 The course of this half mile therefore is, S. $86^{\circ}21'$ W., and the distance is 39.74 chs.
 From the $\frac{1}{4}$ sec. cor.
 West, with continuous measurement.
- 79.22 Fall $6\frac{1}{2}$ lks. S. of the cor. of secs. 1, 2, 35, and 36, hereinafter described.
 The course of this half mile therefore is, N. $89^{\circ}54'$ W., and the distance is 39.56 chs.
 West, bet. secs. 2 and 35.
- 40.02 Fall $9\frac{1}{2}$ lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter described.
 The course of this half mile therefore is, S. $89^{\circ}52'$ W., and the distance is 40.02 chs.
 From the $\frac{1}{4}$ sec. cor.
 West, with continuous measurement.
- 80.42 Fall $30\frac{1}{2}$ lks. S. of the cor. of secs. 2, 3, 34, and 35, hereinafter described.
 The course of this half mile therefore is, N. $89^{\circ}34'$ W., and the distance is 40.40 chs.
 West, bet. secs. 3 and 34.
- 40.91 Fall 119 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter described.
 The course of this half mile therefore is, S. $88^{\circ}20'$ W., and the distance is 40.92 chs.
 From the $\frac{1}{4}$ sec. cor.
 S. $88^{\circ}30'$ W., with new measurement, making searches for $\frac{1}{4}$ sec. and sec. cors. at record distances and at other places, and no cors. of either the Ferron survey in 1890 or the Page and Lentz survey in 1903, could be found until at:
- 274.88 Fall 64 lks. S. of the cor. of Tps. 21 and 22 S., Rs. 2 and 3 E., hereinafter described.
 The bearing of the line from the $\frac{1}{4}$ sec. cor. secs. 3 and 34, to the cor. of Tps. 21 and 22 S., Rs. 2 and 3 E., therefore is, S. $88^{\circ}38'$ W.
 The proportionate distance for each half mile from the $\frac{1}{4}$ sec. cor. secs. 3 and 34, to the $\frac{1}{4}$ sec. cor. secs. 6 and 31, therefore is, 39.565 chs., and the proportionate distance for the W. half mile bet. secs. 6 and 31, is 37.49 chs.
 Note: The record distances as reported in the survey by Ferron in 1890, was used in computing the distances of these lines.
 Thence:

DEPENDENT RESURVEY NORTH BOUNDARY, T. 3 N., R. 3 E.

SAC 18 NO

Chains	True Lines.
	From the cor. of Tps. 21 and 23 S., R. 3 and 4 E. S. 36°21' W., on true line, bet. secs. 1 and 36.
	Descend gradual W. slope of broken mountainous land, through scattered juniper and pinon timber, and dense undergrowth of sage, oak, and serviceberry brush.
14.10	Begin abrupt descent over W. slope, bears N. and S., through dense juniper and pinon timber.
23.70	Descent becomes gradual, bears N. and S.
39.74	On rolling land, 710 ft. below sec. cor. The $\frac{1}{4}$ sec. cor. secs. 1 and 36, which is a sandstone, 12 x 8 x 6 ins., marked $\frac{1}{4}$ on N. face, witnessed by a small mound of stone to the W. of the cor. monument.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the stone cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S36 — 4 S1
	1933
	from which
	A juniper, 3 ins. diam., bears N. 19°15' E., 131 lks. dist., marked BT.
	A red cedar, 6 ins. diam., bears S. 69°50' W., 186 lks. dist., marked $\frac{1}{4}$ S1 BT..
	Thence:
	N. 89°54' W., with continuous measurement.
50.60	Top of very low flat bench spur, projects N.; descend gradual W. slope through scattered juniper and pinon timber, bears N. and S.
53.00	Slope changes from a gradual W. slope to an abrupt NW. slope; enter scattered spruce timber, bears N. and S.
58.60	Bottom of Oak Hollow, 160 ft. below the $\frac{1}{4}$ sec. cor., drains S. 20° W. from N. 20° E.; leave spruce timber, bears with bottom of hollow; ascend steep SE. slope, through dense juniper and pinon timber.
59.95	Trail, bears N. 20° E. and S. 20° W.
69.50	Low spur, 200 ft. above Oak Hollow, projects S.; descend gradually along S. slope, through scattered juniper and pinon timber and undergrowth of sagebrush and mahogany.
79.36	On gradual S. slope, 45 ft. below spur.
	The cor. of secs. 1, 2, 35, and 36, which is a limestone, 18 x 12 x 6 ins. above ground, firmly set, marked 5 notches on W. edge and 1 notch on E. edge. Cor. is witnessed by a small mound of stone to the W. of the cor. monument
	At the cor. point:

DEPENDENT RESURVEY NORTH BOUNDARY, T.-22 S., R. 3 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original stone cor. monument alongside, for the cor. of secs. 1, 2; 35, and 36, with brass cap marked

T21S	R3E
S35	S36
<hr/>	
S2	S1
T22S	

1933

from which

A juniper, 3 ins. diam., bears N. $44^{\circ}45'$ E., 64 lks. dist., marked BT1

A mahogany, 5 ins. diam., bears S. 38° E., 114 lks. dist., marked T22S R3E S1 BT.

A mahogany, 10 ins. diam., bears S. $59^{\circ}45'$ W., 143 lks. dist., marked T22S R3E S2 BT.

A juniper, 3 ins. diam., bears N. 57° W., 243 lks. dist., marked BT.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow loose clay, sand, and rock; 3rd rate. Sandstone formation.

Undergrowth, scattered and dense sage, oak, serviceberry, and mahogany.

Timber, scattered and dense juniper and pinon; scattered spruce timber on portion of W. half mile.

Fair grazing land.

S. $82^{\circ}52'$ W., bet. secs. 2 and 35.

Ascend gradually along S. slope of broken mountainous land, through scattered juniper and pinon timber and undergrowth of sagebrush and mahogany.

4.20 Spur, 20 ft. above cor., slopes S.; descend steep W. slope.

11.70 Trail, bears N. 20° W. and S. 20° E.

13.10 Stream, 15 lks. wide, 1 ft. deep, in bottom of Salina Canyon, 250 ft. below spur, flows S. 20° E.; ascend abrupt E. slope.

16.00 Enter dense undergrowth of oak brush, bears N. and S.

22.00 Trail, bears N. 30° W. and S. 30° E.

24.90 Ascent becomes gradual, bears N. and S.; thence through scattered undergrowth of sage, oak, and serviceberry brush.

40.02 On gradual E. slope, 200 ft. above Salina Canyon.

The $\frac{1}{4}$ sec. cor. of secs. 2 and 35, which is a limestone, $14 \times 10 \times 8$ ins., lying in a small mound of stone, marked $\frac{1}{4}$ on top face. Cor. has no accessories.

At the cor. point:

DEPENDENT RESURVEY NORTH BOUNDARY, T. 28^oS. R. 3 E.

scisadC

Chains

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, with the stone cor. monument alongside, for t sec. cor., with brass cap marked

	S35
+	—
	S2

1933

from which

A juniper, 7 ins. diam., bears N. 57°15' E., 105 lks. dist., marked $\frac{1}{4}$ S35 BT.

A juniper, 7 ins. diam., bears S. 65°30' E., 84 lks. dist., marked $\frac{1}{4}$ S2 BT.

Alongside of cor. is a metal poster nailed to a juniper post, which marks the boundary of the Fish Lake National Forest Reserve.

Thence:

N. 89°34' W., with continuous measurement.

54.40 Enter narrow sagebrush flat, bears N. and S.

55.00 Leave sagebrush flat, bears N. and S.; ascend gradual NE. and SE. slopes, through dense undergrowth of sage, oak, and serviceberry brush.

55.20 Top of low spur, 205 ft. above the $\frac{1}{4}$ sec. cor., projects N. 20° W. from SE.; descend gradual W. slope.56.00 Old road, bears N. and S., in draw, drains SE.
80.42 On gradual E. slope, 60 ft. below spur, at the NE. cor. of fences bearing W. and S.

The cor. of secs. 2, 3, 34, and 35, which is a sandstone, 18 x 13 x 5 ins., firmly set in small mound of stone, marked 2 notches on E. edge and 4 notches on W. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with the stone cor. monument alongside, for cor. of secs. 2, 3, 34, and 35, with brass cap marked

T218 R3E	
S34	S35
—	—
S3	S2
T228	

1933

from which

A juniper, 3 ins. diam., bears N. 33° W., 293 lks. dist., marked BT.

No other suitable bearing trees available.

Land, broken and mountainous, with a general easterly and westerly exposure and drainage.

Soil, shallow loose clay, sand, and rock; 3rd rate. Sandstone formation.

S. S. & D. M. LINE FROM CORNER NORTH BOUNDARY, TOWNSHIP R. 3 E.

Chain

- Undergrowth, scattered and dense sage, oak, serviceberry, and buck brush.
- Timber, scattered juniper and pinon.

Fair grazing land.

S. 88°20' W., bet. secs. 3 and 34.

Ascend gradual E. slope of rolling mountainous land, through scattered undergrowth of sagebrush and clumps of oak and serviceberry brush. Line follows along fence, bearing W.

5.80 Enter dense undergrowth of sage, oak, and serviceberry brush, bears N. and S.

17.20 Ridge, 310 ft. above cor., bears N. and S.; undergrowth becomes scattered, bears N. and S.; ascend gradual SW. slope.

40.92 On gradual SW. slope, 200 ft. below ridge, in fence bearing E. and W.

The $\frac{1}{2}$ sec. cor. secs. 3 and 34, which is a sandstone, 16 x 12 x 8 ins., set in a small mound of stone, marked on E. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 2 ft. long, 1 in. diam., 28 ins. in the ground, with the stone cor. monument alongside, for $\frac{1}{2}$ sec. cor., with brass cap marked

834
—
83

1933

No other suitable accessories available.

Fence:

S. 88°38' W., with continuous measurement.

50.00 Junction of fence from the S. with fence bearing E. and W.

65.40 Draw, 225 ft. below cor., drains S.; ascend abrupt E. slope through dense undergrowth of oak and sagebrush.

90.435 Proportionate point; on SW. slope, 227 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, with brass cap marked

T218 R3E	
833	834
—	
84	83
—	
T229	

1933

from which

LAND

DEPENDENT RESURVEY NORTH BOUNDARY, T. 32 S., R. 3 E.

Chains	<p>An oak, 5 ins. diam., bears N. 40° E., 55 lks. dist., marked T21S R3E S34 BT.</p> <p>An oak, 3 ins. diam., bears S. 7° E., 30 lks. dist., marked BT.</p> <p>An oak, 3 ins. diam., bears S. 79° W., 35 lks. dist., marked BT.</p> <p>No bearing tree available. in sec. 33. Cor. set 66 lks. S of fence bearing E. and W. Land, rolling and mountainous; with a general southerly exposure and drainage.</p> <p>Soil, shallow and deep loose sand, clay and rock; 3rd rat Sandstone formation.</p> <p>Undergrowth, scattered and dense sage, oak, and service- berry brush.</p> <p>No timber.</p> <hr/> <p>S. $88^{\circ}38'$ W., bet. secs. 4 and 33:</p> <p>Ascend gradual E. slope of mountainous land, through dense undergrowth of tall oak, serviceberry, and sage brush.</p> <p>11.20 Spur, 140 ft. above cor., projects SE.; thence ascend gradually along S. slope.</p> <p>17.00 Slope changes from gradual S. slope to an abrupt E. slope</p> <p>37.10 Top of high main ridge, 585 ft. above sec. cor., bears N. 30° E. and S. 30° W.; descend gradual W. slope.</p> <p>39.565 Proportionate point; on gradual W. slope, 30 ft. below top of ridge.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked</p>
	$\frac{S33}{\frac{1}{4} S4}$
	1933.
	from which
	<p>An oak, 5 ins. diam., bears N. $1^{\circ}45'$ W., 45 lks. dist., marked $\frac{1}{4}$ S33 BT.</p> <p>No other bearing trees available.</p> <p>From this cor., fence bearing easterly and westerly, bear North, about 4.50 chs. dist.</p> <p>Continue on same line with continuous measurement.</p>
53.50	Enter dense fir and aspen timber, bears NW. and S.
54.60	Head of small branch draw, 260 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend gradually along N. slope.
58.00	Top of ascent on N. slope, 15 ft. above head of draw, bears N. and S.; descend along N. and NW. slopes.

29

DEPENDENT RESURVEY NORTH BOUNDARY, T. 22 S., R. 3 E.

Chains	
60.50	Leave timber; bears NE. and S.; thence through dense undergrowth of oak and service berry brush.
79.13	Proportionate point; on NW. slope, 640 ft. below the sec. cor., in dense undergrowth and small scattered juniper timber. Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock, and in a mound of stone to top, for cor. of secs. 4, 5, 32, and 33, with brass cap marked
	T21S R3E S32 S33 --- S 5 S 4 T22S 1933
	A juniper, 3 ins. diam., bears S. $78^{\circ}45'$ E., 22 lks. dist., marked PT.
	A pinon, 6 ins. diam., bears S. $83^{\circ}15'$ E., 111 lks. dist., marked T22S R3E S5 PT.
	A juniper, 3 ins. diam., bears N. $70^{\circ}30'$ E., 98 lks. dist., marked PT.
	No other suitable bearing tree available.
	Land, mountainous, with a general easterly and westerly exposure and drainage.
	Soil, shallow clay loam and rock; 3rd rate. Limestone and sandstone formation.
	Undergrowth, scattered and dense sage, oak, and serviceberry brush.
	Timber, dense aspen and a few scattered juniper on portion of W. half mile.
	Fair grazing land.
	S. $88^{\circ}38'$ W., bet. secs. 5 and 32.
	Descend abrupt NW. slope of broken mountainous land, through very scattered juniper timber and dense undergrowth of sage, oak, and serviceberry brush.
16.30	Enter dense undergrowth of sagebrush in bottom land of canyon, bears NE. and S.
20.50	Junction of draw from SE. with bottom of canyon from the NE., 615 ft. below sec. cor., drains ""; descend gradually along general bottom of canyon.
33.00	Stream of clear water, 5 lks. wide, 2 ins. deep, in bottom of Water Hollow, drains S. 70° "'; ascend gradual E. and SE. slopes.
35.10	Gate in fence, bears N., about 2.50 chs. dist.
36.00	Forest Service fence, bears N. 50° E., about 0.50 chs. dist. to SW. point of ledge, and S. 50° "., about 2.00 chs. dist., thence W., about 5.00 chs. dist. to point of ledge; enter dense juniper and pinon and mahogany.

4-6780
DEPENDENT RESURVEY NORTH BOUNDARY T. 22 S., R. 3 E.

Chains

39.565 Proportionate point; on gradual SE. slope, 120 ft. above Water Hollow.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock; and in a mound of stone to top, for $\frac{1}{2}$ sec. cor. for sec. 5 only, with brass cap marked $\frac{1}{2}$ S. 5
1933from which
A juniper, 20 ins. diam., bears S. $19^{\circ}45'$ W., 41 lks. dist., marked $\frac{1}{2}$ S5 BT.

Continue on same line with continuous measurement.

50.00 Top of ascent, 240 above $\frac{1}{2}$ sec. cor., bears N. and SE.; timber becomes scattered, bears N. and SE.; descend.51.80 Small swale near head, 15 ft. below top of ascent, drains S. 30° E.; ascend steep E. slope.

53.20 Forest Service trail, bears N. and S. "

56.30 Timber becomes dense, bears N. and S. ,.

58.50 Spur, 100 ft. above head of swale, slopes S. 20° E., and bears N. 20° W. to high point on S. end of ridge; descend gradually along general S. slope.

63.30 Head of depression, 30 ft. below spur, drains S.; ascend gradually.

67.70 Spur, 30 ft. above head of depression, slopes S. 40° W. and bears N. 40° E.; ascend abrupt W. slope through scattered timber and dense undergrowth.

77.80 Forest Service trail, bears N. and S., on narrow bench, bears with trail.

79.13 Proportionate point; on steep W. slope, 240 ft. below spur

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 5 and 6, T. 22 S., R. 3 E., with brass cap marked

T21S R3E

S32

S. 6 | S. 5.

R3E

T22S

1933

from which

A mahogany, 3 ins. diam., bears S. $80^{\circ}15'$ E., 30 lks. dist., marked BT. .A mahogany, 6 ins. diam., bears S. 41° W., 35 lks. dist., marked T22S R3E S6 BT. .

DEPENDENT RESURVEY NORTH BOUNDARY, T. 22 S., R. 3 E.

Chains	<p>Land, broken and mountainous, with a general westerly exposure and drainage.</p> <p>Soil, shallow and deep sand and clay mixed with rock; 3rd rate. Limestone and sandstone formation.</p> <p>Undergrowth, scattered and dense sage, oak, serviceberry, and mahogany.</p> <p>Timber, scattered and dense juniper and piñon on portions of ridge.</p> <p>Fair grazing land.</p> <hr/> <p>S. $88^{\circ}38'$ W., along the N. bdy. of sec. 6.</p> <p>Descend steep W. slope of broken mountainous land, through dense juniper and piñon timber and scattered undergrowth of sage, oak, serviceberry, and mahogany.</p>
3.00	Timber becomes scattered, bears N. and S.
8.70	Volcanic ledge, 40 ft. high, which forms the E. rim of Beaver Creek, bears N. and S.
10.70	Beaver Creek, stream 4 lks. wide, 2 ins. deep, in bottom of canyon, 500 ft. below cor., flows S. 20° W. through bottom of flat canyon, 4.00 chs. wide; ascend abruptly over broken SE. slope.
13.70	Top of sandstone ledge, 65 ft. high, which forms the top of the W. rim of Beaver Creek, faces SE. and bears NE. and SW.; continue abrupt ascent over broken SE. slope.
22.40	Top of rocky point facing SE.
30.00	Begin abrupt ascent over E. slope, through dense juniper and piñon timber, and mahogany, bears NE. and SW.
30.50	Timber becomes scattered, bears N. and S.
35.00	Forest Service trail, bears N. 10° E. and S. 10° W.
39.565	Proportionate point; on steep E. slope, 625 ft. above Beaver Creek.
	Set an iron post, 3 ft. long, 1 in. diam., 2 $\frac{1}{2}$ ins. in the ground, for $\frac{1}{4}$ sec. cor., sec. 6 only, with brass cap marked.
	<hr/> ¹ S6
	1933
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Continue on same line with continuous measurement.
	Continue abrupt ascent over steep E. slope, through dense undergrowth of tall oak and serviceberry brush and very scattered juniper and piñon timber.
53.00	Top of high main ridge, 520 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend abrupt rocky W. slope.

DEPENDENT RESURVEY NORTH BOUNDARY, T. 22 S., R. 3 E.

Chains 74.20	Descent becomes more gradual, bears N. and S.
76.75	Trail, bears N. and S.
77.055	On gradual W. slope, 520 ft. below ridge. The cor. of Tps. 21 and 22 S., Rs. 2 and 3 E., which is a sandstone, 20 x 9 x 8 ins., firmly set, marked 6 grooves on N., S., and W. faces, CC 2E on SW. face, 21S on NW. face, and 22S on SE. face. Cor. is witnessed by a small mound of stone to the W.

At the cor. point:

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with the original cor. monument alongside, for cor. of Tps. 21 and 22 S., Rs. 2 and 3 E., with brass cap marked.

T21S	
R2E	R3E
S36	S31
<hr/>	
S1	S6
T22S	

1933

raise a mound of stone, 3 ft. base, 2-ft. high, S. of cor.

Land, broken and mountainous, with a general easterly and westerly exposure and drainage.

Soil, shallow sand, clay, and gravelly loam; 3rd rate. sandstone formation.

Undergrowth, dense oak and serviceberry brush.

Timber, scattered and dense juniper and pinon on portions of mile.

Fair grazing land.

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor,
in 1890.

Random Lines.

From the cor. of Tps. 21 and 22 S., Rs. 2 and 3 E., here-tofore described.

S. 3°54' W., along the W. bdy. of sec. 6.

40.00 Find no trace of the $\frac{1}{4}$ sec. cor.

Continue on same line with continuous measurement.

74.78 Fall 99 lks. W. of the original cor. of secs. 1, 6, 7, and 12, set by A.D. Ferron, U.S. Deputy Surveyor in 1890, hereinafter described.

The course of this mile therefore is S. 4°40' W., and the proportionate distance for each half mile is 37.395 chs.

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains

South, along the W. bdy. of sec. 7.

39.72 Fall 9 lks. E. of the original $\frac{1}{4}$ sec. cor. set by A.D. Ferron, U.S. Deputy Surveyor, in 1890, hereinafter described.

The course of this half mile therefore is, S. $0^{\circ}08'$ W., and the distance is 39.72 chs.

From the $\frac{1}{4}$ sec. cor.

South, with new measurement, making searches for $\frac{1}{4}$ sec. and sec. cors. at record courses and distances and at other points, and no trace of any of the cors. set. by A.D. Ferron, U.S. Deputy Surveyor, in 1890 could be found until at:

354.15 Fall 7.73 chs. W. of the cor. of Tps. 22 and 23 S., Rs. 2 and 3 E., heretofore described.

The course of the line from the $\frac{1}{4}$ sec. cor. on W. bdy. sec. 7, to the cor. of Tps. 22 and 23 S., Rs. 2 and 3 E., therefore is, S. $1^{\circ}15'$ E., and the proportionate distance for each half mile is 39/36 chs.

True Lines.

From the cor. of Tps. 21 and 22 S., Rs. 2 and 3 E., heretofore described.

S. $4^{\circ}40'$ W., on true line, along the W. bdy. of sec. 6.

Descend gradual SW. slope of broken mountainous land, through dense undergrowth of tall oak and serviceberry brush and scattered juniper and pinon timber.

4.30 Trail, bears NW. and SE.

15.00 Small ravine, 15 ft. deep, drains W.; continue descent.

23.80 Enter dense juniper and pinon timber, bears E. and W.

28.86 Intersect the E. and W. center line of sec. 1, T. 22 S., R. 2 E.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and in a mound of stone to top, for closing $\frac{1}{4}$ sec. cor. sec. 1, with brass cap marked

C $\frac{1}{4}$
C SI

1933

from which

A pinon, 8 ins. diam., bears S. 61° W., 42 lks. dist., marked $\frac{1}{4}$ SI CC BT..

A juniper, 6 ins. diam., bears N. 74° W., 13 lks. dist., marked $\frac{1}{4}$ SI CC BT..

From this cor., the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, T. 22 S., R. 2 E., bears N. $88^{\circ}23'$ W. and the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, set by Schoeber and Nissen, in their survey of T. 22 S., R. 2 E., in 1907, bears S. $88^{\circ}23'$ E. 2.87 chs. dist.

DEPENDENT RESERVE WEST BOUNDARY LINE, S. 31 R. 31

Chains

The $\frac{1}{4}$ sec. cor. of secs. 1 and 6, 18¹/₂ sandstone, 10 x 6 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face. Cor. is witnessed by bearing trees as follows.

A red cedar, 15 ins. diam., bears S. 45° W., 13 lks. dist., marked $\frac{1}{4}$ S1 BT.

A juniper, 10 ins. diam., bears N. 40° W., 19 lks. dist., marked $\frac{1}{4}$ S1 BT.

I change this cor. to a witness point by effacing the marks on the cor. monument and bearing trees and marking same WP.

31.80 Ravine, 30 ft. deep, drains S. 70° W.

37.395 Proportionate point; on SW. slope, 375 ft. below the township cor.

Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., sec. 5, with brass cap marked

S6

1933

from which

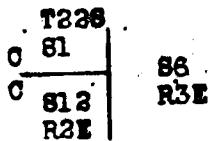
A pinon, 12 ins. diam., bears N. 14°15' E., 64 $\frac{1}{2}$ lks. dist., marked $\frac{1}{4}$ S6 BT..

A juniper, 4 ins. diam., bears S. 65°45' E., 35 lks. dist., marked $\frac{1}{4}$ S6 BT..

68.80 Base of abrupt descent at the N. edge of hollow, bears W. and SE.; thence across bottom of hollow through dense undergrowth of sagebrush.

68.59 Intersect the line bet. secs. 1 and 12, T. 22 S., R. 2 E.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and in a mound of stone to top, for closing cor. of secs. 1 and 12, T. 22 S., R. 2 E., with brass cap mark



1933

from which

A pinon, 8 ins. diam., bears S. 84° W., 216 lks. dist., marked T22S R2E S12.00 BT..

A juniper, 4 ins. diam., bears N. 18° W., 91 lks. dist., marked CG BT. Tree too gnarled for other marks

From this cor., the cor. set for secs. 1, 6, 7, and 12, by Schreiber and Kissen, in 1907, in their survey of T. 22 S., R. 2 E., bears S. 09°28' W., 0.35 chg. dist.

Cor. is a sandstone, 14 x 8 x 8 ins. above ground, firmly set, marked 5 notches on S. edge and 1 notch on N. edge. Cor. is witnessed by bearing trees as follows.

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains

A dead juniper limb, 8 ins. diam., bears S. $46^{\circ}30'$ W., 20 lks. dist., marked T22S R2E S12 BT.

A juniper, 10 ins. diam., bears N. 52° W., 43 lks. dist., marked T22S R2E S1 BT.

I change this cor. to a witness point by effacing the marks on the cor. monument and bearing trees and marking same WP.

72.80 Small stream 1 lk. wide, 2 ins. deep, in wash, 20 lks. wide, 10 ft. deep, on S. edge of hollow, 450 ft. below the sec. cor. sec. 6, flows SE.; ascend gradual NE. slope.

74.79 On NE. slope of point of spur, 30 ft. above stream.

The original cor. of secs. 1, 6, 7, and 12, set by A.D. Ferfon, U.S. Deputy Surveyor, in 1890, in his survey of T. 22 S., R. 3 E., which is a sandstone, 13 x 10 x 9 ins., firmly set, marked 1 notch on N. edge and 5 notches on S. edge. Cor. is witnessed by a small mound of stone to the W.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone, with the original cor. monument alongside, for cor. of secs. 6 and 7, T. 22 S., R. 3 E., with brass cap marked

	T22S
R2E	S6
S12	S7
	R3E

1933

Land, broken and mountainous, with a general southwesterly exposure and drainage.

Soil, shallow clay, sand, and rock; 3rd rate.
Sand and limestone formation.

Undergrowth, dense sage, oak, and serviceberry brush on portions of mile.

Timber, dense juniper and pinon on portion of mile.

Fair grazing land.

S. $0^{\circ}08'$ W., along the W. bdy. sec. 7.

Ascend gradual NE. slope of point of spur, through scattered undergrowth of sagebrush.

0.30 Top of low spur, 10 ft. above cor., projects S. 75° E., 4.00 chs. dist. to end; descend gradual S. slope.

1.10 Trail, bears N. 80° W. and S. 80° E., at the N. edge of dense juniper and pinon timber.

3.30 Leave timber at the N. edge of Water Hollow, bears E. and SW.; thence through dense undergrowth of sagebrush across bottom of Water Hollow.

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Sect. 12

Chains	
9.00	Small stream, 1 lk. wide, 1 in. deep, in small draw, drains S. 60° W.
10.45	Trail, bears NE. and S. 60° W.
12.60	Stream, 5 lks. wide, 2 ins. deep, at the S. edge of Water Hollow, 120 ft. below spur, drains W.; dense haw-thorn brush along banks of stream; ascend gradually along NW. slope, through scattered juniper and pinon timber and medium dense undergrowth of oak and service-berry brush.
33.50	Intersect the E. and W. center line of sec. 12, T. 22 S., R. 2 E. Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to solid rock and in a mound of stone to top, for closing $\frac{1}{4}$ sec. cor. sec. 12, with brass cap marked
	$\frac{1}{4}$ C S12
	1933 from which
	A pinon, 5 ins. diam., bears S. 2° W., 112 lks. dist., marked $\frac{1}{4}$ S12 CC BT.
	From this cor., the $\frac{1}{4}$ sec. cor. secs. 11 and 12, T. 22 S. R. 2 E., bears N. 89°38' W., and the $\frac{1}{4}$ sec. cor. secs. 7 and 12, set by Schoeber and Nissen, in their survey of T. 22 S., R. 2 E., in 1907, bears S. 89°38' E., 6.84 chs. dist.
	The $\frac{1}{4}$ sec. cor. secs. 7 and 12 is a sandstone, 12 x 10 x 8 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by bearing trees as follows.
	A pinon, 16 ins. diam., bears S. 88° E., 109 lks. dist., marked $\frac{1}{4}$ S7 BT.
	A pinon, 10 ins. diam., bears S. 82° E., 115 lks. dist., marked $\frac{1}{4}$ S7 BT.
	I change this cor. to a witness point by effacing the marks on the cor. monument and bearing trees and marking same WP.
	From this witness point, S. 2°27' W., 13.12 chs. dist., is a sandstone, 7 x 6 x 4 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by bearing trees as follows.
	A pinon, 14 ins. diam., bears N. 19° E., 24 lks. dist., marked $\frac{1}{4}$ S7 BT.
	A pinon, 14 ins. diam., bears S. 31° W., 21 lks. dist., marked $\frac{1}{4}$ S12 BT.
	As there is no official record of this cor., I efface the marks on the cor. monument and bearing trees.
35.20	Spur, projects N. 30° W., and bears S. 20° E., about 6.00 chs. dist. to junction with ridge; continue gradual ascent
39.72	On gradual NW. slope, 400 ft. above Water Hollow.
	The original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, set by A.D.

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains

Ferron, U.S. Deputy Surveyor, in 1890, in his survey of T. 22 S., R. 3 E., which is a sandstone, 12 x 8 x 5 ins., firmly set in a small mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor. sec. 7, with brass cap marked

from which

A mahogany, 5 ins. diam., bears S. $51^{\circ}45'$ E., 14 $\frac{1}{2}$ lks. dist., marked $\frac{1}{4}$ S7 BT.

Thence:

S. $1^{\circ}15'$ E., with continuous measurement.

40.80 Enter dense juniper and pinon timber and undergrowth of mahogany, bears E. and W.

41.60 Top of high spur, 25 ft. above the $\frac{1}{4}$ sec. cor., projects S. 80° W.; descend abrupt S. slope.

69.10 Draw, drains SW.; thence descend gradually along W. slope.

73.07 Intersect the line bet. secs. 1¹ and 13, T. 22 S., R. 2 E.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 1 and 12, T. 22 S., R. 2 E., with brass cap marked

	T22S	T22S
C	S12	
C		R3E
	S13	
	R2E	S7

1933

from which

A juniper, 8 ins. diam., bears S. $24^{\circ}30'$ W., 44 lks. dist., marked T22S R2E S13 CC PT.

A pinon, 7 ins. diam., bears N. 76° W., 68 lks. dist., marked T22S R2E S12 CC PT.

From this cor., the cor. set for secs. 7, 12, 13, and 18, by Schoeber and Nissen, in 1907, in their survey of T. 22 S., R. 2 E., bears N. $89^{\circ}57'$ E., 6.03 chs. dist.

Cor. is a sandstone, 10 x 8 x 8 ins. above ground, firmly set, marked 4 notches on S. edge and 2 notches on N. edge. Cor. is witnessed by a small mound of stone to the W.

I change this cor. to a witness point by effacing the marks on the cor. monument and marking same WP.

75.30 Spur, projects SW., 5.00 chs. dist. to end; thence descend S. slope.

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DEPENDENT RESURVEY WEST BOUNDARY, T. 23 S., R. 3 E.

Chains

- 78.05 Unimproved road, bears W. to the main highway in Salina Canyon, and E. about 5.00 chs. dist. to coal mines in Coal Hollow.
- 78.37 On N. edge of Coal Hollow.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 7 and 18, T. 23 S., R. 3 E., with brass cap marked
- | | |
|------|------|
| T22S | T22S |
| S7 | |
| R2E | |
| S18 | |
| S13 | R2E |
| WC | |
| 1933 | |
- from which
- A juniper, 5 ins. diam., bears N. $81^{\circ}45'$ E., 77 lks. dist., marked T22S R2E S7 WC BT.
- No other suitable bearing tree available.
- Raise a mound of stone, 3 ft. base, 3 ft. high, E. of cor.
- 79.08 Proportionate point; true point for the cor. of secs. 7 and 18, falls in bottom of Coal Hollow, 640 ft. below the spur at the 41.60 chs. point, drains W., where it is impracticable to set a permanent cor.
- From the true point for the cor. of secs. 7 and 18, the courses and distances to the entrance to tunnels of eight coal mines or prospects, are as follows.
- S. $59^{\circ}49'$ E., 7.08 chs. dist.
S. $60^{\circ}01'$ E., 8.16 chs. dist.
S. $59^{\circ}38'$ E., 8.65 chs. dist.
S. $52^{\circ}45'$ E., 8.44 chs. dist.
S. $48^{\circ}52'$ E., 7.86 chs. dist.
S. $38^{\circ}54'$ E., 6.85 chs. dist.
S. $35^{\circ}10'$ E., 6.17 chs. dist.
N. $73^{\circ}25'$ E., 4.16 chs. dist.
- From the above cor. point, the SE. cor. of a log cabin, size 23 x 16 ft., bears S. $80^{\circ}38'$ E., 3.63 chs. dist.
- The SE. cor. of a log cabin, size 20 x 12 ft. bears N. $80^{\circ}02'$ E., 8.72 chs. dist.
- A small spring of good water in dense clump of birch, bears N. $85^{\circ}43'$ E., 4.81 chs. dist..
- A sandstone, 15 x 10 x 8 ins., firmly set, marked 2 notch on N. edge, 4 notches on S. edge, 22S on S. face, and 2E on W. face, and witnessed by a small mound of stone W., bears S. $35^{\circ}35'$ E., 9.16 chs. dist.
- As there is no official record of this cor., I efface the markings on the cor. monument.
- Land, broken and mountainous, with a general northerly and southwesterly exposure and drainage.
- Soil, shallow clay and sand mixed with rock; 3rd rate. Sandstone formation.
- Undergrowth, scattered and dense sage, oak, serviceberry, and mahogany.

BOOK A-512

835

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains

Timber, scattered and dense juniper and pinon.

Fair grazing land.

From the true point for the cor. of secs. 7 and 18, which is S. $1^{\circ}15'$ E., 71 lks. dist. from the witness cor. to the cor. of said secs.

S. $1^{\circ}15'$ E.; along the W. bdy. of sec. 18.

Ascend abrupt NE. slope of broken sandstone ledges, through dense juniper and pinon and scattered fir and yellow pine timber, and scattered undergrowth of sage, oak, serviceberry, and mahogany.

17.30 Top of high sharp ledgy spur, 540 ft. above cor. point, projects NW.; descend abrupt SW. slope over ledges through scattered juniper and pinon timber and undergrowth of sagebrush.

33.50 Intersect the E. and W. center line sec. 13, T. 22 S., R. 2 E.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for closing $\frac{1}{4}$ sec. cor. sec. 13, with brass cap marked

C $\frac{1}{4}$
C S13
C

1933

from which

A pinon, 10 ins. diam., bears S. 87° W., 60 lks. dist., marked $\frac{1}{4}$ S13 CC BT.

A pinon, 14 ins. diam., bears N. $26^{\circ}45'$ W., 29 lks. dist., marked $\frac{1}{4}$ S13 CC BT.

From this cor., the $\frac{1}{4}$ sec. cor. secs. 13 and 14, T. 22 S., R. 2 E., bears S. $89^{\circ}37'$ W., and the true point for the $\frac{1}{4}$ sec. cor. secs. 13 and 18, which is South, 6.46 chs. dist. from the witness cor. to the $\frac{1}{4}$ sec. cor. secs. 13 and 18, set by Schoeber and Nissen, in 1907, in their survey of T. 22 S., R. 2 E., bears N. $89^{\circ}37'$ E., 5.30 chs. dist.

39.36 Proportionate point; on steep rocky SW. slope. 400 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked

$\frac{1}{4}$
S18

1933

from which

A juniper, 5 ins. diam., bears N. $43^{\circ}45'$ E., 179 lks. dist., marked $\frac{1}{4}$ S18 BT.

A juniper, 18 ins. diam., bears S. $48^{\circ}45'$ E., 93 lks. dist., marked $\frac{1}{4}$ S18 BT.

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains																
39.96	<p>From this point, the witness cor. to the $\frac{1}{4}$ sec. cor. sec. 13 and 18, set by Shoeber and Nissen, in 1907, in their survey of T. 22 S., R. 3 E., bears East, 5.16 chs. dist.</p> <p>Cor. is South, 6.46 chs. dist. from the true point for said cor., and is a stationary sandstone, 6 x 5 x 5 ft. above ground, marked X WC $\frac{1}{4}$ on W. face. Cor. is witnessed by bearing trees as follows.</p> <p>A juniper, 6 ins. diam., bears S. 30° W., 44 lks. dist., marked $\frac{1}{4}$ S13 BT.</p> <p>A juniper, 8 ins. diam., bears N. $18^{\circ}45'$ W., 45 lks. dist., marked $\frac{1}{4}$ S13 BT.</p> <p>I change this cor. to a witness point by effacing the marks on the cor. monument and bearing trees and mark same WP.</p>															
43.90	State Highway, bears N. 70° E. to Emery, Utah, and S. 70° W. to Salina, Utah.															
44.70	Denver and Rio Grand Western Railway, bears N. 70° E. to coal mine in Salina Canyon, and S. 70° W. to Salina, Utah															
45.30	Telephone line, bears with railroad.															
45.80	Salina Creek, stream 25 lks. wide, 6 ins. deep, in bottom of Salina Canyon, 110 ft. below the $\frac{1}{4}$ sec. cor. sec. 18, flows S. 70° W.; ascend abrupt N. slope through dense undergrowth of oak and serviceberry brush.															
74.52	<p>Intersect the line bet. secs. 13 and 24, T. 22 S., R. 2 E.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. secs. 13 and 24, T. 22 S., R. 2 E., with brass cap marked.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">C</td> <td>T22S</td> <td>T22S</td> </tr> <tr> <td></td> <td>S13</td> <td></td> </tr> <tr> <td style="text-align: right;">C</td> <td></td> <td>R3E</td> </tr> <tr> <td></td> <td>S24</td> <td></td> </tr> <tr> <td style="text-align: right;">C</td> <td>R2E</td> <td>S18</td> </tr> </table> <p style="text-align: center;">1933</p> <p style="text-align: right;">from which</p> <p>A pinon, 24 ins. diam., bears N. 52° W., 204 lks. dist., marked T22S R2E S13 CC BT. ✓</p> <p>No other suitable bearing tree available.</p> <p>Deposit a sandstone, 6 x 6 x 3 ins., at base of post, marked X.</p> <p>From this cor., the cor. set for the cor. of secs. 13, 18, 19, and 24, by Schoeber and Nissen, in 1907, in their survey of T. 22 S., R. 3 E., bears S. $89^{\circ}22'$ E., 5.31 ch dist.</p> <p>Cor. is a sandstone, 16 x 10 x 4 ins., firmly set, marked 3 notches on N. and S. edges. Cor. is witnessed by bearing trees as follows.</p> <p>A pinon, 15 ins. diam., bears S. $26^{\circ}45'$ E., 30 lks. dist., marked T22S R3 E S18 BT.</p>	C	T22S	T22S		S13		C		R3E		S24		C	R2E	S18
C	T22S	T22S														
	S13															
C		R3E														
	S24															
C	R2E	S18														

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains

A pinon, 11 ins. diam., bears N. 63° W., 41 lks.
dist., marked T22S R2E S13 BT.

I change this cor. to a witness point by effacing the
marks on the cor. monument and bearing trees and mark
same, WP.

78.72 Proportionate point; on steep N. slope, 1330 ft. above
Salina Creek.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground to solid rock, and in a mound of stone to top, for
cor. of secs. 18 and 19, T. 22 S., R. 3 E., with brass
cap marked

T22S	T22S
R2E	S18
S24	S19
	R3E

1933

deposit a
sandstone, 8 x 6 x 4 ins., at base of post, marked X.

Land, broken and mountainous with steep broken NW., S.,
and N. slopes.

Soil, shallow rocky clay and sand; 3rd rate.
Sandstone formation.

Undergrowth, dense and scattered oak, serviceberry, and
mahogany.

Timber, dense and scattered juniper, pinon, spruce, and
yellow pine on portions of mile.

Fair grazing land.

S. $1^{\circ}15'$ E., along the W. bdy. of sec. 19.

Ascend NE. slope of broken mountainous land, through
dense undergrowth of sage, oak, mahogany, and service-
berry brush.

19.00 Trail, bears N. 20° W. and S. 20° E.

19.80 Spur, 410 ft. above cor., projects N. 20° W.; enter dense
juniper and pinon timber, bears N. 20° W. and S. 20° E.;
descend gradually along W. slope.

24.80 Head of draw, 40 ft. below spur, drains W.; ascend gradual
NW. slope.

35.47 Intersect the E. and W. center line sec. 24, T. 22 S.,
R. 3 E.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground to solid rock and in a mound of stone to top, for
closing ~~the~~ cor. sec. 24, with brass cap marked

C	S24
C	

1933

from which

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 2 E.

Chains

A mahogany, 5 ins. diam., bears S. 73° W., 4 lks.
dist., marked $\frac{1}{4}$ S24 CC BT..

A mahogany, 5 ins. diam., bears N. 23° W., 11 lks.
dist., marked $\frac{1}{4}$ S24 CC BT..

From this cor., the $\frac{1}{4}$ sec. cor. secs. 23 and 24, T. 22 S. R. 2 E., bears N. $89^{\circ}37'$ W., and the reestablished point for the $\frac{1}{4}$ sec. cor. secs. 19 and 24, set by Schoeber and Nissen in their survey of T. 22 S., R. 2 E., in 1907, bears S. $89^{\circ}37'$ E., 4.44 chs. dist. No trace of this $\frac{1}{4}$ sec. cor. could be found and the point for the $\frac{1}{4}$ sec. cor. was established at midpoint bet. the cors. of secs. 13, 18, 19, and 24, and secs. 19, 24, 25 and 30, set by Schoeber and Nissen, in their survey of T. 22 S., R. 2 E., in 1907.

36.80 Spur, 90 ft. above head of draw, projects W.; descend S. slope.

39.36 Proportionate point; on S. slope, 40 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 19, with brass cap marked

from which

A pinon, 24 ins. diam., bears N. 3° E., 7 lks.
dist., marked $\frac{1}{4}$ S19 BT..

A pinon, 20 ins. diam., bears S. 54° E., 45 lks.
dist., marked $\frac{1}{4}$ S19 BT..

Continue descent over S. slope.

51.60 Sandstone ledge, 90 ft. high, bears N. 60° E. and S. 60°

60.80 Draw, 790 ft. below the $\frac{1}{4}$ sec. cor sec. 19, drains NW., ascend N. slope through scattered spruce and pinon timber

75.10 Intersect the line bet. secs. 24 and 25, T. 22 S., R. 2 E.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. of secs. 24 and 25, T. 22 S., R. 2 E., with brass cap marked

T22S	T22S
S24	
C	R3E
S25	
R3E	S19

1933

from which

A pinon, 6 ins. diam., bears S. $84^{\circ}45'$ W., 114 lks.
dist., marked T22S R2E S25 CC BT..

A spruce, 8 ins. diam., bears N. 82° W., 50 lks.
dist., marked T22S R2E S24 CC BT..

From this cor., the cor. of secs. 19, 24, 25, and 30, set by Schoeber and Nissen, in 1907, in their survey of T. 22 S., R. 2 E., bears S. $89^{\circ}47'$ E., 3.57 chs. dist.

Dependent resurvey west boundary, T. 22 S., R. 3 E.

Chain

which is a sandstone, 20 x 9 x 9 ins. firmly set, marked 2 notches on S. edge and 4 notches on N. edge. Cor. is witnessed by one bearing tree as follows.

A pinon, 4 ins. diam., bears N. $55^{\circ}30'$ W., 93 lks. dist., marked T22S R2E S24 BT.

I change this cor. to a witness point by effacing the marks on the cor. monument and bearing tree and mark same, WP.

78.72 Proportionate point; on N. slope, 450 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 19 and 30, T. 22 S., R. 3 E., with brass cap marked

T22S	T22S
R2E	S19
S25	S30
1933	

1933

from which

A pinon, 6 ins. diam., bears N. 11° E., 46 lks. dist., marked T22S R3E S19 BT.

A pinon, 6 ins. diam., bears S. $37^{\circ}15'$ E., 29 lks. dist., marked T22S R3E S30 BT.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate.

Sandstone formation.

Undergrowth, scattered and dense sage, oak, mahogany, and serviceberry brush.

Timber, scattered and dense spruce, juniper, and pinon, on portions of mile.

Fair grazing land.

S. $1^{\circ}15'$ E., along the W. bdy. sec. 30.

Ascend abrupt N. slope of broken mountainous land, through dense undergrowth of serviceberry, honey suckle, choke cherry, and yellow top, and scattered fir timber.

10.50 Spur, 390 ft. above cor., projects NW.; descend abrupt SW. slope through scattered undergrowth of sagebrush and mahogany, and dense juniper and pinon timber.

16.30 Slope changes from a SW. slope to an abrupt S. slope.

25.36 Unable to find any trace of the witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 25 and 30, as reported as set by Schoeber and Nissen, in 1907, in their survey of T. 22 S., R. 2 E., and which is reported as bearing North, 11.00 chs. dist. from the true point for $\frac{1}{4}$ sec. cor.

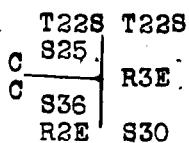
36.37 Intersect the E. and W. center line sec. 25, T. 22 S., R. 2 E.

Y-678b
DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.
1933

Chains	<p>Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for closing $\frac{1}{4}$ sec. cor. sec. 25, T. 22 S., R. 2 E., with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$ C S25 C</p> <p style="text-align: right;">1933 from which</p> <p>A pinon, 10 ins. diam., bears S. 40° W., 70 lks. dist., marked $\frac{1}{4}$ S25 CC BT.</p> <p>A juniper, 24 ins. diam., bears N. 22° W., 13 lks. dist., marked $\frac{1}{4}$ S25 CC BT.</p> <p>From this cor., the $\frac{1}{4}$ sec. cor. secs. 25 and 26, T. 22 S R. 2 E., bears N. $89^\circ 59'$ W., and the reestablished point for the $\frac{1}{4}$ sec. cor. secs. 25 and 30, which was established at midpoint bet. the cors. of secs. 19, 24, 25, and 30, and the true point for the cor. of secs. 25, 30, 31, and 36, of the Schoeber and Nissen survey of T. 22 S., R. 2 in 1907, bears S. $89^\circ 59'$ E., 2.58 chs. dist.</p>
39.36	<p>Proportionate point; On S. slope, 600 ft. below spur.</p> <p>Mark a cross (X), on the sandstone surface rock, over which:</p> <p>Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for $\frac{1}{4}$ sec. cor. sec. 30, with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$ S30</p> <p style="text-align: right;">1933 from which</p> <p>A pinon, 7 ins. diam., bears N. 57° E., 15 lks. dist., marked $\frac{1}{4}$ S30 BT.</p> <p>A pinon, 7 ins. diam., bears S. 19° E., 28 lks. dist., marked $\frac{1}{4}$ S19 BT.</p>
43.40	<p>Draw, 15 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend along W. slope.</p>
48.30	<p>Spur, 20 ft. above draw, projects W.; descend S. slope over ledges.</p>
58.70	<p>Draw, 530 ft. below spur, drains SW.; ascend NW. slope.</p>
67.80	<p>Spur, 85 ft. above draw, projects W.; descend S. slope.</p>
75.50	<p>Bottom of canyon, 210 ft. below spur, drains NW.; ascend N. slope through dense fir and juniper timber.</p>
76.33	<p>Intersect the line bet. secs. 25 and 36, T. 22 S., R. 2</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 60 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. secs. 25 and 36, T. 22 S., R. 2 E., with brass cap marked</p>

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains



1933

from which

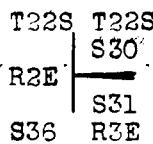
A juniper, 12 ins. diam., bears N. 82° W., 49 lks.
dist., marked T22S R2E S25 CC BT.

A Douglas fir, 14 ins. diam., bears S. $11^{\circ}30'$ W., 73 lks.
dist., marked T22S R2E S36 CC BT.

From this cor., the true point for the cor. of secs. 25, 30, 31, and 36, which is North, 4.00 chs. dist. from the witness cor. to the cor. of said secs. which was set by Schoeber and Nissen, in 1907, during their survey of T. 22 S., R. 2 E., bears S. $89^{\circ}39'$ E., 1.59 chs. dist.

78.72 Proportionate point; on N. slope, 50 ft. above bottom of canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for the cor. of secs. 30 and 31, T. 22 S., R. 3 E., with brass cap marked



1933

from which

A juniper, 10 ins. diam., bears N. 41° E., 10 lks.
dist., marked T22S R3E S30 BT.

A Douglas fir, 20 ins. diam., bears S. 59° E., 60 lks.
dist., marked T22S R3E S31 BT.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow and deep, sand and clay loam, mixed with rock; 3rd rate.
Sandstone formation.

Undergrowth, scattered and dense sage, oak, serviceberry, and mahogany.

Timber, scattered and dense juniper, pinon, spruce, and fir, on portions of mile.

Fair grazing land.

S. $1^{\circ}15'$ E., along the W. bdy. sec. 36.

Ascend abrupt NE. slope of broken mountainous land, through dense juniper and pinon timber, and scattered undergrowth of sagebrush and mahogany.

1.61 From this point, the witness cor. to the cor. of secs. 25, 30, 31, and 36, which is South, 4.00 chs. dist. from the true point for cor. of said secs., and which was set

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains	
	by Schoeber and Nissen, in 1907, during their survey of T. 22 S., R. 3 E., bears East, 1.50 chs. dist. Cor. is a sandstone, 16 x 10 x 5 ins., firmly set, marked 1 notch on S. edge and 5 notches on N. edge and WC on NW. face. Cor. is witnessed by bearing trees as follows.
	A juniper, 8 ins. diam., bears N. 23° E., 9 lks. dist., marked T22S R3E S30 WC BT.
	A juniper, 8 ins. diam., bears S. 7° E., 66 lks. dist.; marked T22S R3E S31 WC BT.
	A juniper, 12 ins. diam., bears S. 72° W., 30 lks. dist.; marked T22S R3E S36 WC BT.
	I change this cor. to a witness point by effacing the marks on the cor. monument and bearing trees and marking same WP.
8.70	Enter dense undergrowth of oak and serviceberry brush, bears NE. and SW.
11.70	Leave timber, bears NE. and SW.
39.36	Proportionate point; on N. slope, 870 ft. above cor. of secs. 30 and 31.
	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. sec. 30, with brass cap marked
	$\frac{1}{4}$ S31
	1933
	deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked X.
39.46	Intersect the E. and W. center line sec. 36, T. 22 S., R. 3 E.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for closing cor. $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked
	$\frac{1}{4}$ C S36 C
	1933
	deposit a sandstone, 8 x 5 x 5 ins., at base of post, marked X.
	From this cor., the $\frac{1}{4}$ sec. cor. secs. 35 and 36, T. 22 S. R. 2 E., bears N. 89°04' W., and the $\frac{1}{4}$ sec. cor. secs. 31 and 36, set by Schoeber and Nissen, in 1907, in their survey of T. 22 S., R. 2 E., bears S. 89°04' E., 73 lks. dist.
	The $\frac{1}{4}$ sec. cor. secs. 31 and 36 is a sandstone, 14 x 8 x 5 ins., firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by a small mound of stone to the S. of the cor. monument.
	I change this cor. to a witness point by effacing the marks on the cor. monument and by marking same WP.
46.00	Spur, 160 ft. above the $\frac{1}{4}$ sec. cor. sec. 31, projects NW. descend gradually along W. slope.
51.30	Head of draw, drains W.; continue descent.

DEPENDENT RESURVEY WEST BOUNDARY, T. 22 S., R. 3 E.

Chains

- 56.70 Spur, projects S. 60° W.; thence descend gradual S. slope.
- 57.70 Enter dense juniper and pinon timber, bears E. and W.
- 67.10 Draw, 290 ft. below the spur at the 46.00 chs. point, drains SW., and heads E., about 6.00 chs. dist.; leave timber and enter dense undergrowth of oak, serviceberry, honey suckle, buck, and sage brush, bears with bottom of draw; ascend along W. slope.
- 78.72 The cor. of Tps. 22 and 23 S., Rs. 2 and 3 E., 85 ft. above bottom of draw, heretofore described.
Land, broken and mountainous, with a general westerly and southwesterly exposure and drainage.
Soil, shallow and deep clay and sand loam, mixed with loose rock; 3rd rate.
Sandstone formation.
Undergrowth, scattered and dense sage, oak, serviceberry, honey suckle, mahogany, and buck brush.
Timber, scattered and dense juniper and pinon.
Fair grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T. 22 S., R. 3 E.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor,
in 1890.

From the cor. of secs. 1, 2, 3^E, and 36, on the S. bdy. of the township, heretofore described.

Ascend gradual SE. slope of rolling mountainous land, through medium dense juniper and pinon timber and undergrowth of sagebrush.

- 14.00 Spur, 200 ft. above cor., projects S. 15° W.; descend gradually along W. slope.
- 30.40 Spur, same level as last spur, projects NW. from S. 20° E.; descend gradual NE. slope.
- 36.10 Timber becomes very scattered, bears NW. and S. 30° E.
- 42.215 Proportionate point; on NE. slope, 70 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S35 | S36

1933

from which

A pinon, 8 ins. diam., bears N. 6° E., 142 lks.
dist., marked $\frac{1}{4}$ S36 BT.

A juniper, 20 ins. diam., bears N. $11^{\circ}30'$ W., 83 lks.
dist., marked $\frac{1}{4}$ S35 BT.

DEPENDENT RESURVEY OF SUBDIVISION, T. 22 S., R. 3 E.

Chains

- 65.40 Base of descent, bears SE. and NW.; thence over rolling land through dense undergrowth of sagebrush.
- 69.40 Draw, 240 ft. below the $\frac{1}{4}$ sec. cor., drains N. 50° W.; continue over rolling sagebrush land.
- 74.40 The NW. point of small spur from the SE.
- 79.40 Draw, drains S. 80° W.
- 84.43 On rolling land, 30 ft. above draw.
The original cor. of secs. 25, 26, 35, and 36, which is a sandstone, 15 x 14 x 6 ins., firmly set, marked L groove on E. and S. faces. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in t ground, with the original cor. monument alongside, for cor. of secs. 25, 26, 35, and 36, with brass cap marked

T22S	R3E
S26	S25
<hr/>	
S35	S36

1933

from which

A juniper, 6 ins. diam., bears N. 52° E., 359 lks. dist., marked T22S R3E S25 BT.

A juniper, 4 ins. diam., bears S. $84^{\circ}30'$ E., 149 lks. dist., marked T22S R3E S36 BT.

A pinon, 10 ins. diam., bears N. $50^{\circ}30'$ W., 310 lks. dist., marked T22S R3E S26 BT.

No suitable bearing tree available in sec. 35.

Land, rolling and mountainous, with a general northwestern exposure and drainage..

Soil, shallow sand and clay loam, mixed with rock; 3rd rate..

Sandstone formation..

Undergrowth, sagebrush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy of the township, heretofore described.

N. $87^{\circ}36'$ W., bet. sec. 25 and 36.

Descend gradual NW. slope of broken mountainous land, through scattered juniper and pinon timber, and dense undergrowth of sage, oak, and serviceberry brush.

- 2.70 Old road, bears N. 10° E. and S. 10° W.
- 5.10 Slope becomes abrupt, bears N. and S.
- 13.50 Draw, drains S. 60° W.; continue descent.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains 18.70	The S. point of small spur; descend gradual SW. slope.
22.90	Draw, 500 ft. below sec. cor., drains N. 65° W.; ascend gradual NE. slope.
24.80	Fence, bears N. and S.
42.57	On gradual NE. slope, 100 ft. above draw. The original ¹ sec. cor. secs. 25 and 36, which is a sandstone, 15 x 8 x 8 ins., marked ¹ on N. face. Cor. has no accessories. At the cor. point: Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for ¹ sec. cor., with brass cap marked
	<u>S25</u> S36 1933
	from which A pinon, 4 ins. diam., bears S. $35^{\circ}15'$ W., 12 lks. dist., marked S26 PT.
	A pinon, 13 ins. diam., bears N. 71° W., 68 lks. dist., marked S25 PT.
	Thence:
	N. $89^{\circ}32'$ W., with continuous measurement.
47.00	Spur, 65 ft. above sec. cor., projects N. 65° W.; descend abruptly along SW. slope, through dense juniper and pinon timber, bears N. 65° W. and S. 65° E.
49.40	Barbed wire fence, bears N. 80° W. and S. 80° E.
64.90	Leave timber and begin gradual descent along S. slope through sagebrush opening, bears NE. and SW.
73.40	Leave sagebrush opening and enter dense juniper and pinon timber, bears NE. and SW.
78.30	Leave timber and enter sagebrush opening, bears NW. and S. 75° E.
82.29	The cor. of secs. 25, 26, 35 and 36, 270 ft. below spur. Land, broken and mountainous, with a general southerly and northeasterly exposure and drainage. Soil, shallow clay and sandy loam, mixed with rock; 3rd rate. Sandstone formation. Undergrowth, dense sagebrush, oak, serviceberry, and buck brush. Timber, dense and scattered juniper and pinon on portions of mile. Fair grazing land.

DEPENDENT RESURVEY OF SUBDIVISION, T. 22 S., R. 3 E.

- Chains N. $1^{\circ}48'$ E., bet. secs. 25 and 26.
 Across sagebrush opening, through dense undergrowth.
- 6.70 Begin gradual ascent over SW. slope of rolling mountainous land, through dense pinon and juniper timber and scattered undergrowth of oak and sagebrush.
- 20.40 Barbed wire fence, bears N. 75° W. and S. 75° E.
- 21.10 Spur, 310 ft. above cor., projects N. 52° W.; descend gradual NE. slope.
- 39.77 Proportionate point; on gradual NE. slope, 200 ft. below spur.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S26	S25

1933

from which
 A pinon, 3 ins. diam., bears S. 84° E., 76 lks.
 dist., marked $\frac{1}{4}$ S25 BT.

A juniper, 14 ins. diam., bears S. $34^{\circ}15'$ W., 439 lks.
 dist., marked $\frac{1}{4}$ S26 BT.

Continue on same line with continuous measurement.

- 41.50 Slope changes from a gradual NE. to a gradual N. slope.
- 71.10 Draw, 260 ft. below the $\frac{1}{4}$ sec. cor., drains N. 80° W.; thence over rolling land through dense undergrowth of sagebrush and rabbit brush.
- 79.54 The original cor. of secs. 23, 24, 25 and 26, which is a sandstone, 18 x 7 x 7 ins., marked 2 notches on S. and E. edges. Cor. has no accessories.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T22S	R3E
S23	S24
<hr/>	
S26	S25

1933

from which
 A pinon, 20 ins. diam., bears N. $14^{\circ}45'$ E., 322 lks.
 dist., marked T22S R3E S24 BT.

A pinon, 24 ins. diam., bears N. 15° W., 462 lks.
 dist., marked T22S R3E S23 BT.

No other suitable bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

Land, rolling and mountainous, with a general northeasterly and southwesterly exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate.

Undergrowth, dense and scattered sage and oak brush.

Timber, dense juniper and pinon on portion of mile.

Fair grazing land.

From the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the township, heretofore described.

S. $88^{\circ}12'$ W., bet. secs. 24 and 25.

Ascend along gradual S. slope of mountainous land, through dense juniper and pinon timber and scattered undergrowth of sagebrush.

6.30 Small wash, 25 lks. wide, 15 ft. deep, drains S. 30° W.

11.50 Slope changes from a gradual S. slope to an abrupt S. slope.

19.90 Top of high spur, 170 ft. above cor., projects S. 75° W.; descend gradual SW. slope through dense undergrowth of mahogany, along general top of spur.

31.10 Slope changes from a gradual SW. slope to an abrupt W. slope.

33.80 Top of rocky outcropping; continue abrupt descent over steep NW. and W. slopes.

37.85 On steep W. slope, 430 ft. below spur.

The original $\frac{1}{4}$ sec. cor. secs. 24 and 25, which is a sandstone, 16 x 12 x 8 ins., firmly set in mound of stone, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

S24
↓ _____
S25

1933

from which

A juniper, 10 ins. diam., bears S. $37^{\circ}45'$ W., 49 lks. dist., marked $\frac{1}{4}$ S25 BT.

A juniper, 6 ins. diam., bears N. 72° W., 18 lks. dist., marked $\frac{1}{4}$ S24 BT.

Thence:

S. $89^{\circ}34'$ W., with continuous measurement.

61.10 Base of abrupt descent, bears N. and S.; leave timber and enter rolling sagebrush opening, bears N. and S.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- 70.30 Wood road, bears N. 80° E. and S. 80° W.
- 73.90 Same road, bears S. 80° E. and N. 75° W.
- 78.13 The cor. of secs. 23, 24, 25, and 26, 450 ft. below the $\frac{1}{4}$ sec. cor.
Land, broken and mountainous, with a general southwesterly and northwesterly exposure and drainage.
Soil, shallow sand and clay loam, mixed with rock; 3rd rate.
Sandstone formation.
Timber, dense juniper and pinon on portion of mile.
Undergrowth, scattered and dense sage, oak, and serviceberry brush.
Fair grazing land.
-
- N. $0^{\circ}24'$ E., bet. secs. 23 and 24.
Over rolling bottom land through dense undergrowth of sagebrush.
- 0.15 Road, bears E. and S. 85° W.
- 3.10 Enter dense juniper and pinon timber, bears E. and W.; ascend gradual S. slope.
- 34.50 Spur, 95 ft. above cor., projects N. 70° W.; descend gradual N. slope.
- 36.00 Timber becomes scattered, bears E. and W.; enter scattered undergrowth of sage and serviceberry brush, bears E. and W.
- 41.18 On gradual N. slope, 60 ft. below spur.
The original $\frac{1}{4}$ sec. cor. secs. 23 and 24, which is a sandstone, 24 x 9 x 8 ins., set in a mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.
At the cor. point:
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
S23 | S24
1933
from which
- A juniper, 8 ins. diam., bears N. 76° E., 130 lks. dist., marked $\frac{1}{4}$ S24 BT.
- A juniper, 8 ins. diam., bears N. 67° W., 102 lks. dist., marked $\frac{1}{4}$ S23 BT.
- Thence:
N. $0^{\circ}35'$ E., with continuous measurement.
- 55.00 Timber becomes dense, bears NE. and SW.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

ONLINE

- 57.00 Timber becomes scattered, bears NW., and SE., 1.00 chs. dist., thence SW.
- 68.80 Draw, 315 ft. below the $\frac{1}{4}$ sec. cor., drains W.; ascend gradual S. slope.
- 77.00 Flat top of spur, 45 ft. above draw, projects N. 80° W.; descend gradual N. slope.
- 81.35 On gradual N. slope, 10 ft. below spur.
The original cor. of secs. 13, 14, 23, and 24, which is a limestone, 10 x 6 x 4 ins. above ground, firmly set, in the ground and a small mound of stone, marked 1 notch on E. edge and 3 notches on S. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 13, 14, 23, and 24, with brass cap marked

T22S	R3E
S14	S13
<hr/>	
S23	S24

1933

from which

A juniper, 3 ins. diam., bears N. 45° E., 131 lks. dist., marked BT.

A juniper, 13 ins. diam., bears S. $79^\circ 30'$ E., 79 lks. dist., marked T22S R3E S24 BT..

A juniper, 3 ins. diam., bears S. 76° W., 19 $\frac{1}{2}$ lks. dist., marked BT.

A juniper, 3 ins. diam., bears N. $54^\circ 30'$ W., 59 $\frac{1}{2}$ lks. dist., marked BT.

Land, rolling and broken, with a general westerly exposure and drainage.

Soil, shallow sand and clay loam; 3rd rate. Sandstone formation.

Undergrowth, scattered and dense sage, oak, and serviceberry brush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the township, heretofore described.

N. $88^\circ 59'$ W., bet. secs. 13 and 24.

Ascend gradual NE. slope of rolling and broken mountainous land, through scattered undergrowth of sage, oak, mahogany, and serviceberry brush.

8.40 Low spur, 10 ft. above cor., projects NW.; descend gradual W. slope through scattered juniper and pinon timber.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains	
11.20	Descent becomes abrupt, bears N. and S.
28.40	Timber becomes dense, bears N. and S.
34.30	Descent over W. slope becomes gradual, bears N. and S.
37.54	On gradual W. slope, 405 ft. below spur. The original $\frac{1}{4}$ sec. cor. secs. 13 and 24, which is a sandstone, 16 x 12 x 4 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.
	At the cor. point: Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \quad S13 \\ \hline S24 \end{array}$
	1933
	from which
	A pinon, 30 ins. diam., bears S. $5^{\circ}45'$ W., 30 lks. dist., marked $\frac{1}{4}$ S24 BT.
	A pinon, 18 ins. diam., bears N. $53^{\circ}45'$ W., 56 lks. dist., marked $\frac{1}{4}$ S13 BT.
	Thence:
	S. $89^{\circ}58'$ W., with continuous measurement.
42.50	Leave timber, bears N. and S.
55.10	Low spur, projects N. 80° W.; descend gradual SW. slope through scattered juniper and pinon timber.
63.50	Draw, 220 ft. below the $\frac{1}{4}$ sec. cor., drains N. 75° W.; ascend gradually along N. slope.
77.88	The cor. of secs. 13, 14, 23, and 24, 35 ft. above draw. Land, rolling and broken and mountainous, with a general northwesterly exposure and drainage. Soil, shallow sand and clay loam, mixed with rock; 3rd rate. Sandstone formation. Undergrowth, scattered and dense sage, oak, serviceberry, and mahogany.
	Timber, scattered and dense juniper and pinon.
	Fair grazing land.
	N. $0^{\circ}14'$ E., bet. secs. 13 and 14.
	Descend abrupt N. slope of rolling and broken mountainous land, through scattered juniper and pinon timber and undergrowth of sagebrush.
6.00	Ravine, 100 ft. below cor., drains N. 80° W.; wash in bottom of ravine, 40 lks. wide, 40 ft. deep; junction of

DEPENDENT RESURVEY SUBDIVISION, T. 23 S., R. 3 E.

Chains

ravines draining from SE. and NE., bears S. 80° E., 4.00 chs. dist.; ascend steep S. slope.

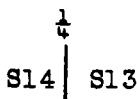
10.15 Top of abrupt ascent on S. edge of sagebrush bench, bears E. and W.; thence across bench.

15.50 Top of N. edge of bench, bears SW. and NE.; descend NW. slope through dense juniper and pinon timber.

21.60 Small ravine, drains NW.; thence descend along gradual W. slope of bottom lands of Salina Canyon.

40.19 Proportionate point; on steep E. bank of Salina Creek, bears S. 20° W. and N. 20° E., 110 ft. below bench.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



1933

from which

A juniper, 13 ins. diam., bears N. $16^{\circ}30'$ E., 43 lks. dist., marked $\frac{1}{4}$ S13 BT.

A juniper, 10 ins. diam., bears S. $15^{\circ}30'$ W., 52 lks. dist., marked $\frac{1}{4}$ S14 BT.

Continue on same line with continuous measurement.

42.65 Salina Creek in bottom of Salina Canyon, 15 lks. wide, 9 ins. deep, flows S. 20° W. from N. 20° E.

52.65 Top of W. bank of creek bed, 20 ft. high, bears N. 20° E. S. 10° W.; continue across bottom lands of Salina Canyon.

56.56 Fall 89 lks. W. of the ruins of the SW. cor. of a one room frame building, at base of hill; ascend gradually along rolling E. slope through scattered juniper and pinon timber.

57.10 Road, bears E., and W., about 3.00 chs. dist. to junction with road bearing N. and S.

59.90 Road, bears N. 30° E. and S. 30° W.

64.10 Line of fence posts, bearing E. and W.

80.38 On gradual E. slope, 150 ft. above Salina Creek.

The original cor. of secs. 11, 12, 13, and 14, which is a limestone, 16 x 14 x 12 ins., set in a mound of stone, marked 4 notches on S. edge and 1 notch on E. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 11, 12, 13, and 14, with brass cap marked

DEPENDENT RESURVEY SUBDIVISION, T. 28 S., R. 3 E.

Chains

T22S	R3E
S11	S12
S14	S13

1933

from which

A black balsam, 6 ins. diam., bears N. 17° E., 58 lks.
dist., marked T22S R3E S12 BT.

A yellow pine, 6 ins. diam., bears S. $44^{\circ}30'$ E., 48 lks.
dist., marked T22S R3E S13 BT.

A juniper, 12 ins. diam., bears S. 85° W., 96 lks.
dist., marked T22S R3E S14 BT.

A juniper, 9 ins. diam., bears N. $51^{\circ}30'$ W., 70 lks.
dist., marked T22S R3E S11 BT.

Land, broken and mountainous, with a general westerly and
easterly exposure and drainage.

Soil, shallow clay and sand loam; 3rd rate.
Sandstone formation.

Undergrowth; scattered and dense sage, oak, and service-
berry brush.

Timber, scattered and dense juniper and pinon on portions
of mile.

Fair grazing land.

From the cor. of secs. 7, 12, 13, and 18, on the E. bdy.
of the township, heretofore described.

N. $89^{\circ}04'$ W., bet. secs. 12 and 13.

Descend gradual W. slope of broken mountainous land;
through scattered juniper and pinon timber and undergrowth
of scattered sage, oak, and serviceberry brush.

16.80 Descent over W. slope becomes abrupt, bears N. and S.

18.20 Top of broken sandstone ledge, 125 ft. high, bears S.,
and N., 3.00 chs. dist., thence NW.; leave timber, bears
with ledge.

20.80 Base of ledge, bears with top; enter dense juniper and
pinon timber and scattered undergrowth of mahogany.

30.00 Head of small gulch, drains S. 85° W.; thence descend
gradually along steep S. slope along N. side of gulch.

39.43 Proportionate point; on steep S. slope, 810 ft. below
sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S12

S13

1933

from which

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains	
	A pinon, 16 ins. diam., bears N. $21^{\circ}30'$ E., 52 lks. dist., marked $\frac{1}{4}$ S12 BT.
	A pinon, 12 ins. diam., bears S. $15^{\circ}45'$ E., 41 lks. dist., marked $\frac{1}{4}$ S13 BT.
	Continue on same line with continuous measurement.
44.40	Recross bottom of gulch, drains N. 80° W., 2.00 chs. dist., thence S. 60° W.
50.00	Recross bottom of gulch, 110 ft. below the $\frac{1}{4}$ sec. cor., drains S. 60° W.; ascend abrupt SE. slope.
52.30	Spur, 40 ft. above gulch, projects SW.; descend gradual W. slope through dense juniper and pinon timber.
55.00	Timber becomes scattered, bears N. and S.
60.40	Descent becomes abrupt, bears N. and S.
64.90	Base of abrupt descent, bears N. 20° E. and S. 20° W.; thence over bottom lands of Salina Canyon.
67.75	Salina Creek, in bottom of Salina Canyon, 20 lks. wide, 5 ins. deep, 140 ft. below spur, drains S. 20° W. from N. 20° E.; continue over bottom lands of canyon.
73.90	Unimproved road, bears N. and S.
76.00	Small ravine, drains S. 75° E.; ascend gradual E. slope through scattered juniper and pinon timber.
78.86	The cor. of secs. 11, 12, 13, and 14, 75 ft. above creek. Land, broken and mountainous, with a general westerly exposure and drainage. Soil, shallow clay and sand loam, mixed with rock; 3rd rate. Sandstone formation. Undergrowth, scattered sage, oak, mahogany, and service- berry brush. Timber, scattered and dense juniper and pinon. Fair grazing land.
	N. $0^{\circ}49'$ E., bet. secs. 11 and 12. Descend gradually over rolling E. slope of mountainous land, through scattered juniper and pinon timber and undergrowth of sagebrush.
1.55	Bottom of small ravine, 30 ft. below cor., drains S. 80° E.; leave timber, bears N. 80° W. and S. 80° E.
9.90	Small ravine, 30 ft. below cor., drains E.; the N. bank of ravine is 50 ft. high; ascend gradually along E. slope through medium dense juniper and pinon timber.
22.50	Top of ascent on E. slope, 100 ft. above ravine, bears E. and W.; descend gentle NE. slope.
39.88	On gentle E. slope, 90 ft. below top of ascent.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

The original 1/2 sec. cor. of secs. 11 and 12, which is a limestone, 12 x 8 x 4 ins., lying in a small mound of stone, marked 1/2 on one face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for 1/2 sec. cor., with brass cap marked

1/2
S11 | S12
1933

from which

A pinon, 10 ins. diam., bears N. 74° E., 29 lbs.
dist., marked 1/2 S12 BT.

A red cedar, 13 ins. diam., bears N. 36°15' W., 63 lbs.
dist., marked 1/2 S11 BT.

Thence:

N. 1°33' W., with continuous measurement.

- 41.00 Base of descent, 5 ft. below the 1/2 sec. cor., bears NW. and SE.; ascend steep SE. slope.
- 44.50 Top of ascent, bears E. and W., 70 ft. above the 1/2 sec. cor.; descend gradually along E. slope.
- 54.70 Bottom of wide hollow, 35 ft. below top of ascent, drains E.; ascend along gradual E. slope.
- 64.90 Wash, 15 lbs. wide, 15 ft. deep, in small ravine, drains S. 80° E.
- 69.80 Base of abrupt ascent over steep S. slope, bears E. and W.
- 74.00 Top of low spur, 120 ft. above bottom of wide hollow, projects E. from N. 75° W.; descend steep NE. slope through scattered juniper and pinon timber and undergrowth of serviceberry brush.
- 80.14 In bottom of small ravine, 75 ft. below spur, drains S. 80° E.

The original cor. of secs. 1, 2, 11, and 12, which is a limestone, 20 x 10 x 8 ins., marked 5 notches on S. edge and 1 notch on E. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 1, 2, 11, and 12, with brass cap marked

T22S R3E
S2 | S1

S11 | S12

1933

from which

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

A red cedar, 14 ins. diam., bears N. 84° E., 15 lks.
dist., marked T22S R3E S1 BT.

A red cedar, 8 ins. diam., bears S. 15°30' E., 8 lks.
dist., marked T22S R3E S12 BT.

A red cedar, 16 ins. diam., bears S. 28° W., 12 lks.
dist., marked T22S R3E S11 BT.

A red cedar, 6 ins. diam., bears N. 40° W., 17 lks.
dist., marked T22S R3E S2 BT.

Land, broken and mountainous, with a general easterly
exposure and drainage.

Soil, shallow sand and clay loam, mixed with rock; 3rd
rate.

Undergrowth, sage and serviceberry brush.

Timber, dense and scattered juniper and pinon on portions
of mile.

Fair grazing land,

From the cor. of secs. 1, 6, 7, and 12, on the E. bdy.
of the township, heretofore described.

N. 89°58' W., bet. secs. 1 and 12.

Descend gradually along S. slope of broken mountainous
land, through scattered juniper and pinon timber and
dense undergrowth of sagebrush.

13.80 Begin gradual descent over W. slope, bears N. 10° E.
and S.

28.80 Descent over W. slope becomes abrupt, bears N. and S.

30.30 The N. end of sandstone ledges, 150 ft. high, bearing S.

32.00 Base of N. end of ledges bearing S.; continue abrupt
descent over W. slope.

39.275 Proportionate point; on abrupt W. slope, 535 ft. below
sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S1
S12

1933

from which

A juniper, 8 ins. diam., bears S. 6°30' E., 31 lks.
dist., marked $\frac{1}{4}$ S12 BT.

A pinon, 8 ins. diam., bears N. 28° W., 23 lks.
dist., marked $\frac{1}{4}$ S1 BT.

Continue on same line with continuous measurement.

Continue abrupt descent over W. slope through dense juniper
and pinon timber.

DEPENDENT RESURVEY SUBDIVISION, T. 28 E., R. 3 E.

Chains

- 53.90 Draw, 1.00 ch. wide, drains S., 2.00 chs. dist., thence SW.; descend gradually over low rolling SW. slope.
- 59.60 Enter bottom lands of Salina Canyon, bears NW. and SE; thence across bottom lands of canyon through scattered juniper, pinon, and red cedar timber.
- 60.80 Salina Creek in bottom of Salina Canyon, 20 lks. wide, 8 ins. deep, swift current, in channel, 3.00 chs. wide, 12 ins. deep, 270 ft. below the $\frac{1}{4}$ sec. cor., flows S. 10°.
- 63.60 Leave bottom lands of Salina Canyon and ascend rolling E. slope, bears N. and S.
- 73.55 The cor. of secs. 1, 2, 11, and 12, 100 ft. above creek. Land, broken and mountainous, with a general easterly and westerly exposure and drainage.
Soil, shallow sand and clay loam, mixed with loose rock; 3rd rate.
Sandstone formation.
Undergrowth, dense sagebrush.
Timber, dense and scattered juniper, pinon, and red cedar.
Fair grazing land.
-
- N. 0°06' W., bet. secs. 1 and 2.
Ascend gradual S. slope of rolling mountainous land, through scattered juniper and pinon timber and undergrowth of sage and serviceberry brush.
- 2.90 Top of ascent, 20 ft. above cor., bears NW. and SE.; descend gradual NE. slope.
- 13.35 Leave timber and enter bottom lands of Salina Canyon, bears N. 20° W. and S. 30° E.
- 20.10 Unimproved road, bears N. 20° W. and S. 30° E.
- 21.60 Salina Creek in bottom of Salina Canyon, 15 lks. wide, 9 ins. deep, flows S. 30° E. from N. 20° W.; ascend gradual SW. slope of bottom lands of canyon.
- 34.60 Wash, .60 lks. wide, 40 ft. deep, in bottom of Oak Hollow, drains SW., about 10.00 chs. dist. to Salina Creek.
- 39.00 Leave bottom lands of Salina Canyon, bears NE. and NW.; ascend steep S. slope of rocky point.
- 40.13 On steep S. slope, 75 ft. above Salina Creek.
The original $\frac{1}{4}$ sec. cor. secs. 1 and 2, which is a limestone, $1\frac{1}{2} \times 10 \times 8$ ins., lying on ground, marked $\frac{1}{4}$ on top face. Cor. has no accessories.
At the cor. point:
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

415

Chains

S2	S1
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1933

from which

A juniper, 18 ins. diam., bears S. 80° E., 76 lks.
dist., marked $\frac{1}{4}$ S1 BT..

A juniper, 20 ins. diam., bears S. 21° W., 35 lks.
dist., marked $\frac{1}{4}$ S2 BT..

Thence:

N. $2^{\circ}12'$ W., with continuous measurement.

- 43.30 Slope changes from an abrupt S. slope to an abrupt W. slope; thence ascend gradually along steep W. slope through medium dense juniper and pinon timber.
- 48.80 Top of ascent on W. slope, 145 ft. above the $\frac{1}{4}$ sec. cor.; thence descend gradual NW. slope through dense juniper and pinon timber and undergrowth of sagebrush and mahogany.
- 50.50 Bottom of small ravine, 40 ft. below top of ascent, drains S. 60° W.; ascend gradual S. slope.
- 64.50 Top of ascent, 100 ft. above ravine, bears E. and W.; descend gradual NW. slope.
- 68.60 Bottom of small ravine, 20 ft. below top of ascent, drains S. 75° W.; ascend gradual S. slope.
- 75.00 Enter sagebrush opening, bears NE. and W.
- 77.34 The cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the township, 85 ft. above ravine.
Land, broken and mountainous, with a general westerly and easterly exposure and drainage.
Soil, shallow sand and clay loam, mixed with rock; 3rd rate.
Sandstone formation.
Undergrowth, dense sagebrush and scattered mahogany.
Timber, dense and scattered juniper and pinon on portions of mile.
Fair grazing land.

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the township, heretofore described.

N. $0^{\circ}18'$ E., bet. secs. 34 and 35.

Ascend along E. slope of rolling mountainous land, through medium dense juniper timber and undergrowth of sagebrush.

- 5.10 Top of ascent, 10 ft. above cor., bears E. and W.; descend gradually along E. slope.
- 40.26 On gradual E. slope, 110 ft. below top of ascent.
The original $\frac{1}{4}$ sec. cor. secs. 34 and 35, which is a volcanic stone, 12 x 12 x 5 ins., set in a mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

S-655

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

S34	S35
-----	-----

1933

from which

A juniper, 5 ins. diam., bears N. $8^{\circ}15'$ E., 185 lks. dist., marked $\frac{1}{4}$ S35 BT.

A juniper, 6 ins. diam., bears N. $79^{\circ}30'$ W., 179 lks. dist., marked $\frac{1}{4}$ S34 BT.

Thence:

N. $0^{\circ}33'$ E., with continuous measurement.

46.80 Top of S. rim of canyon, bears SE. and W.; descend gradual NE. slope.

60.00 Wash, 20 ft. deep, 30 lks. wide, drains N. 10° E. from SW.; timber becomes more scattered; thence over bottom lands of canyon.

68.00 Yogo Creek, stream of good water, 20 lks. wide, 3 ins. deep in bottom of canyon, 160 ft. below the $\frac{1}{4}$ sec. cor.; drains N. 30° W. from SE.; continue over bottom lands of canyon.

68.40 State Highway, bears SE. to Emery, Utah, and N. 30° W. to Salina, Utah.

72.50 Small ravine, drains S. 30° W.; ascend gradually along W. slope.

80.46 On gradual W. slope, 55 ft. above ravine.

The original cor. of secs. 26, 27, 34, and 35, which is a volcanic stone, 12 x 10 x 2 ins., loosely set, marked 2 notches on E. edge and 1 notch on S. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 26, 27, 34, and 35, with brass cap marked

T22S R3E	
S27	S26
<hr/>	
S34	S35

1933

from which

A juniper, 6 ins. diam., bears N. 78° E., 20 lks. dist., marked T22S R3E S26 BT.

A pinon, 10 ins. diam., bears S. 4° E., 68 lks. dist., marked T22S R3E S35 BT.

A juniper, 5 ins. diam., bears S. $35^{\circ}45'$ W., 137 lks. dist., marked T22S R3E S34 BT.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

A juniper, 5 ins. diam., bears N. $54^{\circ}30'$ W., 108 lks.
dist., marked T22S R3E S27 BT./

Land, rolling and mountainous with a general northerly
exposure and drainage.

Soil, shallow loose sand and clay loam; mixed with rock;
3rd rate.

Sandstone and volcanic formation.

Undergrowth, dense sagebrush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

From the cor. of secs. 25, 26, 35, and 36.

S. $86^{\circ}34'$ W., bet. secs. 26 and 35.

Descend gradually along S. slope of rolling mountainous
land, through scattered juniper and pinon timber and
undergrowth of sage, oak, and serviceberry brush.

17.40 Draw, 10 ft. below cor., drains N. 60° W.; ascend gradual
NE. slope.

38.605 Proportionate point; on gradual NE. slope, 65 ft. above
ravine.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.,
with brass cap marked

$\frac{1}{4}$ S26
S35

1933

from which

A juniper, 12 ins. diam., bears N. $80^{\circ}30'$ E., 251 lks.
dist., marked $\frac{1}{4}$ S26 BT./

A juniper, 6 ins. diam., bears S. $57^{\circ}30'$ E., 219 lks.
dist., marked $\frac{1}{4}$ S35 BT./

Continue on same line with continuous measurement.

43.30 Spur, 35 ft. above the $\frac{1}{4}$ sec. cor., projects N. 15° W.;
descend W. slope through dense juniper and pinon timber.

77.21 The cor. of secs. 26, 27, 34, and 35, 325 ft. below spur.

Land, rolling and mountainous, with a general northwesterly
exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd
rate.

Sandstone and volcanic formation.

Undergrowth, scattered sage, oak, and serviceberry brush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- N. $0^{\circ}28'$ E., bet. secs. 26 and 27.
 Descend gradually along general W. slope of E. side of canyon, through dense juniper and pinon timber and undergrowth of sagebrush.
- 8.30 Low spur, 20 ft. high, projects W.
- 24.50 State Highway, bears N. 30° E. to Salina, Utah, and S. 30° W. to Emery, Utah.
- 29.85 Small wash, drains W.
- 41.78 On general W. slope, 135 ft. below sec. cor.
 The original $\frac{1}{4}$ sec. cor. secs. 26 and 27, which is a limestone, 18 x 8 x 8 ins., set in mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.
 At the cor. point:
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
-
- 1933
- from which
- A juniper, 24 ins. diam., bears N. $32^{\circ}15'$ E., 75 lks. dist., marked $\frac{1}{4}$ S26 BT.
- A juniper, 24 ins. diam., bears N. 34° W., 294 lks. dist., marked $\frac{1}{4}$ S27 BT.
- Thence:
- N. $2^{\circ}13'$ W., with continuous measurement.
- Continue gradual descent along W. slope on E. side of canyon.
- 45.20 State Highway, bears N. 30° W. to Salina, Utah, and S. 30° E. to Emery, Utah.
- 51.70 Unimproved road, bears E. and W.
- 53.90 Wash, 40 lks. wide, 30 ft. deep, drains W.; leave timber and enter dense undergrowth of sage and rabbit brush, bears E. and W.
- 73.70 Small wash, 15 lks. wide, 10 ft. deep, drains W.
- 77.30 Large wash, 75 lks. wide, 30 ft. deep, drains W. to Yogo Creek.
- 78.90 Small stream of good water, 1 lk.. wide, 2 ins. deep in bottom of wash, 85 ft. below the $\frac{1}{4}$ sec. cor., drains W. to Yogo Creek.
- 80.10 State Highway, bears S. 30° W. to Emery, Utah, and N. 30° E. to Salina, Utah.
- 83.24 Proportionate point:

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, with brass cap marked

T22S	R3E
S22	S23
<hr/>	
S27	S26

1933

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

No suitable bearing trees available.

Land, rolling and mountainous, with a general easterly and westerly exposure and drainage into Yogo Creek, which drains northerly.

Soil, shallow clay and sand loam, mixed with loose rock; 3rd rate.

Sandstone and volcanic formation.

Undergrowth, dense sage and rabbit brush.

Timber, dense and scattered juniper and pinon, on portions of mile.

Fair grazing land.

From the cor. of secs. 23, 24, 25, and 26.

N. $89^{\circ}21'$ W., bet. secs. 23 and 26.

Descend gradually along rolling S. slope of mountainous land, through dense undergrowth of sagebrush.

- 1.10 Unimproved road, bears N. 85° E. and S. 85° W.
- 7.30 Recross road, bears N. 75° W. and S. 25° E.
- 13.10 Recross road, bears N. 85° E. and S. 85° W.
- 37.50 Base of abrupt ascent over E. slope through medium dense juniper and pinon timber, bears N. and S.
- 40.05 On steep E. slope, 100 ft. above sec.cor.
The original $\frac{1}{4}$ sec. cor. secs. 23 and 26, which is a stationary sandstone, 4 x 2 x 1 ft. above ground, marked $\frac{1}{4}$ on N. face. Cor. is witnessed by a small mound of stone to the N.

Along the N. side of the cor. monument.

Set an iron post, 3 ft. long, 1' in. diam., 3 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked

S23
<hr/>
$\frac{1}{4}$
S26

1933

from which

A pinon, 10 ins. diam., bears N. 5° E., 27 lks.
dist., marked $\frac{1}{4}$ S23 BT.

DEPENDENT RESURVEY OF SUBDIVISION, T. 3 S., R. 3 E.

Chains	
	A pinon, .24 ins. diam., bears S. 28° W., 21 lks. dist., marked $\frac{1}{4}$ S26 BT.
	Thence: .., S. $88^{\circ}15'$ W., with continuous measurement.
46.50	Spur, 95 ft. above the $\frac{1}{4}$ sec. cor., projects S.; descend gradual W. slope.
57.80	Descent becomes abrupt and timber becomes dense, bears N. and S.
63.70	Descent becomes gradual and timber scattered, bears N. and S.
79.80	State Highway, bears N. to Salina, Utah, and S. 15° W. to Emery, Utah; leave timber, bears with road.
80.82	The cor. of secs. 22, 23, 26, and 27, 390 ft. below spur. Land, rolling and mountainous, with a general westerly exposure and drainage. Soil, shallow sand and clay loam, mixed with rock; 3rd rate. Sandstone formation. Undergrowth, dense sagebrush. Timber, dense and scattered juniper and pinon on portion of mile. Fair grazing land.
	N. $1^{\circ}16'$ E., bet. secs. 22 and 23. Ascend gradually along broken W. slope of mountainous lan at the E. side of Yogo Creek, through dense sage and rabbit brush.
2.05	State Highway, bears NW. to Salina, Utah, and SE. to Emery, Utah.
3.30	Enter scattered juniper and pinon timber, bears E. and W.
10.30	Top of low hill on W. slope, 40 ft. above cor., slopes W.; descend gradually;
17.00	Salina Creek in bottom of Salina Canyon, 40 ft. below top of hill, 20 lks. wide, 5 ins. deep, flows SW. through wash, 100 lks. wide, 10 ft. deep; thence over bottom lands of canyon.
26.00	Unimproved road, bears E. and W.
30.60	Point on line in circular corral, 30 lks. E. of W. side; corral is constructed of posts and poles and is 5 ft. high and 1.50 chs. in diameter.
34.30	Juniper and pinon timber becomes more dense, bears E. and W.
41.44	The original $\frac{1}{4}$ sec. cor. secs. 22 and 23, which is a limestone, 16 x 14 x 6 ins., firmly set in a small mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories. At the cor. point:

. S. Y. . DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground, with the original cor. monument alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S22 | S23

1933

from which

A red cedar, 8 ins. diam., bears S. $56^{\circ}45'$ E., 25 lks. dist., marked $\frac{1}{4}$ S23 BT.

A red cedar, 16 ins. diam., bears S. 65° W., 110 lks. dist., marked $\frac{1}{4}$ S22 BT.

Thence:

N. $1^{\circ}20'$ W., with continuous measurement.

53.70 Wash, 40 lks. wide, 20 ft. deep, in draw, drains SE.; ascend gradually along SW. slope.

81.73 Proportionate point; on gradual W. slope, 230 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T22S R3E	
S15	S14

S22	S23

1933

from which

A pinon, 18 ins. diam., bears N. $80^{\circ}30'$ E., 54 lks. dist., marked T22S R3E S14 BT.

A juniper, 14 ins. diam., bears S. 74° E., 37 lks. dist., marked T22S R3E S23 BT.

A pinon, 24 ins. diam., bears S. $82^{\circ}30'$ W., 24 lks. dist., marked T22S R3E S23 BT.

A juniper, 16 ins. diam., bears N. $8^{\circ}30'$ W., 54 lks. dist., marked T22S R3E S15 BT.

Land, broken and mountainous, with a general westerly and southerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with rock; 3rd rate.

Undergrowth, scattered and dense sage and rabbit brush.

Timber, scattered and dense juniper and pinon

Fair grazing land.

From the cor. of secs. 13, 14, 23, and 24.

S. $89^{\circ}42'$ W., bet. secs. 14 and 23.

DEPARTMENT OF THE INTERIOR, U.S. GEOLOGICAL SURVEY
CHARTS

Chains

- Descend gradual W. slope of rolling ~~mesa land~~, through scattered juniper and piñon timber and undergrowth of scattered sage and oak brush.
- 7.20 Small spur, projects N. 80° W.; continue descent.
- 8.50 Descent over W. slope becomes abrupt, bears N. and S.
- 20.50 Salina Creek in bottom of Salina Canyon, 150 ft. below cor., 15 lks. wide, 6 ins. deep, flows SW.
- 22.95 Top of right bank of creek, 15 ft. high, bears N. 30° E. and S. 30° W.; ascend gradual E. slope of bottom lands of Salina Canyon; road in creek bed, bears N. 30° E. and S. 30° .
- 36.50 Base of abrupt ascent over broken E. slope of sandstone and conglomerate ledge, bears N. and S.
- 40.73 Proportionate point; at top of ledge facing SE., 600 ft. above Salina Creek.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a mound of stone to top, for sec. cor., with brass cap marked

$$\begin{array}{r} 814 \\ \hline 823 \end{array}$$

1933

from which

A juniper, 18 ins. diam., bears N. $65^{\circ}30'$ E., 45 lks. dist., marked $\frac{1}{4}$ S14 BT.

A juniper, 18 ins. diam., bears S. $68^{\circ}30'$ W., 31 lks. dist., marked $\frac{1}{4}$ S23 BT..

Continue on same line with continuous measurement.

- 43.30 Top of rocky rim, bears N. 20° E. and S. 20° W.
- 57.20 Top of SE. end of spur projecting from the NW.; thence ascend gradually along steep S. slope.
- 67.30 Spur, 465 ft. above the $\frac{1}{4}$ sec. cor., projects SW.; descend abruptly over general W. slope.
- 73.40 Head of small ravine, drains N. 80° W.; continue abrupt descent over W. slope.
- 73.50 Top of sandstone ledge, 3 $\frac{1}{2}$ ft. high, faces W. and bears N. and S.

81.46 The cor. of secs. 14, 15, 22, and 23, 340 ft. below spur land, broken and mountainous, with a general easterly and westerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with rock; 3rd rate.

Sandstone formation.

Undergrowth, scattered sage and oak brush.

Timber, scattered juniper and piñon.

Fair grazing land.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

N. 0°10' E., bet. secs. 14 and 15.

Ascend gradually along steep W. slope of broken mountainous land, through dense juniper and pinon timber, and scattered undergrowth of sage, oak, and serviceberry brush.

3.40 Small gulch, drains W.; continue ascent along W. slope.

8.60 Rocky point on face of sandstone ledge, 60 ft. high, bears S. 30° E., about 5.00 chs. dist.

11.10 Top of ledge, bears N. 30° W. and S. 30° E.

23.50 Gulch, 30 ft. deep, drains S. 90° W.; ascend steep S. slope.

28.80 Low spur, projects S. 60° W.; continue descent over abrupt W. slope.

36.20 Small gulch, drains W.; ascend abrupt SW. slope.

37.70 Top of the W. point of low spur projecting from the E.

40.28 Proportionate point; on SW. slope, 370 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 29 ins. in the ground and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S15	S14

1933

from which

A pinon, 16 ins. diam., bears S. 62° E., 33 lks. dist., marked $\frac{1}{4}$ S14 BT.

A mahogany, 3 ins. diam., bears S. 69°30' W., 13 lks. dist., marked BT.

Continue on same line with continuous measurement.

54.50 Ridge, bears N. 20° W. and S. 20° E.; ascend gradually along general top of ridge.

63.10 Top of ascent on ridge, 320 ft. above the $\frac{1}{4}$ sec. cor.; descend gradually along steep E. slope.

75.40 Top of rocky point on E. slope.

80.56 Proportionate point; on E. slope of ridge, 110 ft. below top.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 10, 11, 14, and 15, with brass cap marked

T22S R3E	
S10	S11
+-----+	
S15	S14

1933

from which

A pinon, 4 ins. diam., bears N. 5°30' E., 19 lks. dist., marked S11 BT.

DEPENDENT SURVEY SUBDIVISION, T. 38-3X R. 3 E.

Chains

A pinon, 5 ins. diam., bears S. 79° E., 19 lbs.
dist., marked T23S R3E S14 FT.

A pinon, 18 ins. diam., bears S. $18^{\circ}30'$ W., 25 lbs.
dist., marked T23S R3E S15 FT.

A pinon, 4 ins. diam., bears N. $89^{\circ}30'$ W., 54 lbs.
dist., marked T23S R3E S10 FT.

Land, broken and mountainous; with a general easterly
and westerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with rock; 3rd
rate.
Sandstone formation.

Undergrowth, scattered sage, oak, and serviceberry brush.

Timber, dense juniper and pinon.

Fair grazing land.

From the cor. of secs. 11, 12, 13, and 14.

S. $89^{\circ}43'$ W., bet. secs. 11 and 14.

A steep gradual E. slope of broken mountainous land, through
timber dense juniper and pinon timber and scattered under-
growth of sage, oak, and serviceberry brush.

13.00 Low spur, projects N. 75° E.; continue ascent along steep
N. slope of spur.

17.00 Base of abrupt ascent over E. slope, bears N. 80° W. and
S. 80° E.

14.00 Top of abrupt E. slope, thence ascend gradually along
gradual S. slope.

31.00 Enter sagebrush opening in timber, bears N. and S.

30.30 Leave sagebrush opening, bears N. and S.; slope changes
from S. slope to a SE. slope.

41.75 Proportionate point; on SE. slope, 525 ft. above sec. cor.
Set in iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for 4 sec. cor., with brass cap marked

$\frac{S11}{S14}$

1983

from which

A juniper, 19 ins. diam., bears N. 13° E., 54 lbs.
dist., marked $\frac{1}{2}$ S11 FT.

A juniper, 18 ins. diam., bears S. 58° E., 8 lbs.
dist., marked $\frac{1}{2}$ S14 FT.

Continue on same line with continuous measurement.

43.47 Spur, projects S., about 10.00 obs. dist., thence S. 50°
descend along steep S. slope through dense juniper and
pinon timber.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains	
52.50	Slope changes from a steep S. slope to an abrupt W. slope.
60.30	Bottom of ravine, 115 ft. below spur, drains S. 20° E.; ascend steep E. slope.
65.20	Top of high spur, 125 ft. above ravine, projects S. 20° E.; descend along steep S. slope.
68.50	Top of broken sandstone ledge, 30 ft. high, bears N. 80° W., 10.00 chs. dist. and S. 80° E., 4.00 chs. dist.; descend abrupt SW. slope.
78.00	Ravine, 120 ft. below spur, drains SE.; ascend abrupt E. slope.
81.52	The cor. of secs. 10, 11, 14, and 15, 100 ft. above ravine. Land, broken and mountainous, with a general southerly exposure and drainage. Soil, shallow clay and sand loam, mixed with rock; 3rd rate. Undergrowth, scattered sage, oak, and serviceberry brush. Timber, dense juniper and pinon. Fair grazing land.

N. 1°32' W., bet. secs. 10 and 11.

Descend gradually along E. slope of broken mountainous land, through dense juniper and pinon timber and scattered undergrowth of sage, oak, mahogany, and serviceberry brush.

5.00	Ravine, 25 ft. below cor., drains SE.; ascend gradual SE. slope.
21.60	Leave timber and enter sagebrush opening, bears E. and W.; also the SE. cor. of barbed wire fence, bearing N. and W.
31.40	Leave sagebrush opening and enter scattered juniper and pinon timber and undergrowth of sage, oak, and serviceberry brush, bears E. and W.
34.70	Low spur, 260 ft. above ravine, projects S. 75° W.; descend gradual N. slope.
40.29	On gradual N. slope, 25 ft. below spur. The original $\frac{1}{4}$ sec. cor. secs. 10 and 11, which is a sandstone, 15 x 8 x 8 ins., firmly set in the ground and mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 23 ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S10 | S11

1933

from which

DEPENDENT RESURVEY SUBDIVISION, T. 32 S., R. 3 E.

Chains

A pinon, 5 ins. diam., bears S. 19° E., 43 lks. dist., marked $\frac{1}{4}$ S11 BT.

No other suitable bearing tree available.

Thence:

N. $1^{\circ}42'$ E., with continuous measurement.

Descend gradual N. slope through dense undergrowth of sagebrush and scattered patches of oak and serviceberry brush.

52.90 Head of draw in low saddle in ridge, 240 ft. below the $\frac{1}{4}$ sec. cor., draw drains W. and ridge bears N. 30° W. and S. 30° E.; ascend gradually along E. slope.

61.10 Barbed wire fence, bears N. 23° E. and S. 23° W.; enter dense juniper and pinon timber, bears E. and W.

74.85 Recross fence, bears N. 15° W. and S. 15° E.

75.30 Top of SE. point of spur, 140 ft. above head of draw; descend gradually along E. slope.

80.15 On gradual E. slope, 20 ft. below point of spur, at the NW. cor. of fence bearing S. and E..

The original cor. of secs. 2, 3, 10, and 11, which is a sandstone, $16 \times 6 \times 6$ ins., firmly set, marked 5 notches on S. edge and 2 notches on E. edge.

Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 2, 3, 10, and 11, with brass cap marked

T22S R3E	
S3	S2

S10	S11

1933

from which

A pinon, 4 ins. diam., bears S. $68^{\circ}45'$ W., 82 lks. dist., marked T22S R3E S10 BT.

A juniper, 3 ins. diam., bears N. $55^{\circ}15'$ W., 92 lks. dist., marked BT.

No other suitable bearing trees available.

Land, broken and mountainous, with a general westerly and easterly exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate.

Sandstone formation.

Undergrowth, scattered and dense sage, oak, and serviceberry brush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- From the cor. of secs. 1, 2, 11, and 12.
 S. $89^{\circ}52'$ W., bet. secs. 2 and 11.
 Ascend gradually over rolling E. slope of mountainous land, through scattered juniper and pinon timber and undergrowth of sage, oak, and serviceberry brush.
- 1.55 Enter sagebrush opening, bears N. and S.
- 5.75 Leave sagebrush opening and enter dense juniper and pinon timber, bears N. and S.
- 19.80 Slope changes from a gradual E. slope to a gradual NE. slope.
- 34.60 Head of small draw, drains N. 60° E.; thence ascend gradual E. slope.
- 40.00 Leave undergrowth of serviceberry brush and enter medium dense juniper and pinon timber, bears N. and S.
- 40.36 On gradual E. slope, 420 ft. above sec. cor.
 The original $\frac{1}{4}$ sec. cor. secs. 2 and 11, which is a limestone, 13 x 9 x 5 ins., firmly set, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1' in. diam., 2^{1/2} ins. in the ground and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

S2
—
S11
1333

from which

A pinon, 8 ins. diam., bears S. 17° W., 44 lks. dist., marked $\frac{1}{4}$ S11 PT.

A juniper, 10 ins. diam., bears N. $89^{\circ}30'$ W., 84 lks. dist., marked $\frac{1}{4}$ S2 PT.

At a point 5 lks. W. of the cor., is a metal poster, which marks the boundary of the Fish Lake National Forest.

Thence:

S. $89^{\circ}14'$ W., with continuous measurement.

Continue ascent along S. and SE. slopes.

- 42.00 Low spur, projects SE.; continue ascent over SE. slope.
- 47.80 Timber becomes dense, bears N. and S.
- 58.50 Low spur, 80 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend gradual SW. slope.
- 65.20 Old wood road, bears N. 20° W. and S. 30° E.
- 66.60 Bottom of swale, 40 ft. below spur, drains SE. and heads NW., about 8.00 chs. dist.; leave timber and ascend gradual E. slope through undergrowth of dense sagebrush and scattered patches of oak.

DEPENDENT RESERVEY SUBDIVISION, TOWNSHIP, R. 3 E.

Chain#

- 87.30 The SW. cor. of barbed wire fence erected by the Forest Service, bears N. and W.
- 88.84 The cor. of secs. 2, 3, 10, and 11, 165 ft. above swale. Land, broken and mountainous, with a general northeasterly and southerly exposure and drainages. Soil, shallow clay and sand loam, mixed with rock; 3rd rate. Undergrowth, scattered and dense sage, oak, and serviceberry brush.
- Timber, scattered and dense juniper and pinon on E. portion of mile.
- Fair grazing land.

N. 0°07' E., bet. secs. 3 and 3.

Ascend along gradual E. slope of mountainous land, through dense undergrowth of sagebrush and scattered oak and serviceberry brush.

11.00 Spur, 50 ft. above cor.; projects E.; descend gradually along E. slope.

40.42 On gradual E. slope, 210 ft. below spur.

The original $\frac{1}{4}$ sec. cor. secs. 3 and 3, which is a sandstone, 20 x 6 x 5 ins., firmly set, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
83	82
1833	

No other suitable accessories available.

Fence:

N. 1°40' W., with continuous measurement.

Ascend gradually along NE. slope.

41.30 Unimproved road, bears N. 70° E. and S. 70° W.; undergrowth becomes scattered, bears with road.

51.60 Spur, projects N. 80° E.; descend rolling E. slope.

58.10 The SW. cor. of a barbed wire fence, bears N. and E.

63.40 Head of swale, 165 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradually over E. slope.

71.80 Spur, 10 ft. above head of swale, projects E.; descend gradually over E. slope.

77.33 The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of t

DEPENDENT RESURVEY SUBDIVISION, T2 22 S., R.3 E.

Chains	township, 40 ft. above head of swale.
	Land, broken and mountainous, with a general easterly exposure and drainage.
	Soil, shallow clay and sandy loam, mixed with rock; 3rd rate.
	Sandstone formation.
	Undergrowth, scattered and dense sagebrush, oak brush and serviceberry.
	Timber, scattered and dense juniper and pinon.
	Fair grazing land.
	From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the township, heretofore described.
	No. 0°31' W., bet. secs. 33 and 34, reestablishing surveys executed by A.L. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890. Descend gradually over bench land, covered with undergrowth of grass and weeds, through the Manti Livestock Company's Ranch.
6.25	Small irrigation ditch, drains W.
31.80	Begin more abrupt descent over W. slope.
40.38	On gradual W. slope, 150 ft. below sec. cor.
	The original sec. cor. secs. 33 and 34, which is a volcanic stone, 12 x 10 x 8 ins., set in a mound of stone, marked on W. face. Cor. has no accessories.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original cor. monument at N-side, for sec. cor., with brass cap marked
	 333 334 1933
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Thence:
	N. 0°22' W., with continuous measurement.
50.80	Base of descent, 25 ft. below the sec. cor., bears E. and W.; ascend gradually along W. slope through scattered juniper and pinon timber.
56.80	Timber becomes dense, bears NW. and SE.
70.80	Timber becomes scattered, bears NW. and SE.; enter undergrowth of sage, oak, and serviceberry brush.
71.00	Spur, 45 ft. above base of ascent, projects N. 10° W.; descend gradually along NE. slope of spur.
80.80	On NE. slope of spur, 105 ft. below top of spur.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains The original cor. of secs. 27, 28, 33, and 34, which is stationary volcanic boulder, 2 x 2 x 2 ft. above ground, marked 1 notch on S. edge, 3 notches on E. edge, and 5 notches on N. edge. Cor. is witnessed by a small mound of stone to the W.

Along the SE. edge of the cor. monument.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone to top, for cor. of secs. 27, 28, 33 and 34, with brass cap marked

T22S	R3E
S28	S27
S33	S34

1933

from which

A juniper, 16 ins. diam., bears N. $36^{\circ}15'$ E., 444 lks. dist., marked T22S R3E S27 BT.

A juniper, 3 ins. diam., bears S. $20^{\circ}15'$ E., 213 lks. dist., marked S34 BT.

A juniper, 18 ins. diam., bears S. $75^{\circ}26'$ E., 523 lks. dist., marked T22S R3E S34 PT.

A juniper, 3 ins. diam., bears N. 42° W., 149 lks. dist., marked BT.

No suitable bearing tree available in sec. 33.

Land, rolling and mountainous, with a general westerly exposure and drainage into Nioche Creek which drains northerly.

Soil, shallow black loam mixed with volcanic rock; 3rd rate.

Volcanic formation.

Undergrowth, scattered sage, oak, and serviceberry brush.

Timber, scattered and dense juniper and pinon on portion of mile.

Good grazing land.

From the cor. of secs. 26, 27, 34, and 35.

S. $89^{\circ}24'$ W., bet. secs. 27 and 34, reestablishing survey executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890. Descend broken W. slope of rolling mountainous land, through scattered juniper and pinon timber, and undergrowth of sage, oak, and serviceberry brush.

3.15 State Highway, bears N. 10° W. to Salina, Utah, and S. $13^{\circ}30'$ E. to Emery, Utah.

6.50 Dim road, bears N. and S.

8.85 Yogo Creek, stream of clear water, 10 lks. wide, 5 ins. deep, in draw, 140 ft. below $\frac{1}{4}$ sec. cor., drains N.; ascend gradually over rolling land.

12.90 Small spur, projects NE.; continue gradual ascent.

FBI

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

20.00 Barbed wire fence, bears N. 3° W. and S. 3° E.

22.70 Small gulch, drains NE.; continue ascent.

40.02 On rolling land, 345 ft. above Yogo Creek.

The original $\frac{1}{4}$ sec. cor. secs. 27 and 34, which is a volcanic stone, 20 x 16 x 6 ins., loosely set in small mound of stone, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

S27
—
 $\frac{1}{4}$ S34

1933

from which

A juniper, 6 ins. diam., bears N. 10° E., 11 lks. dist., marked $\frac{1}{4}$ S27 BT.

A juniper, 12 ins. diam., bears S. 31° W., 205 lks. dist., marked $\frac{1}{4}$ S34 BT.

Thence:

N. 89°4' W., with continuous measurement, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890.

43.40 Old irrigation ditch, 10 lks. wide, 6 ins. deep, drains N.

51.60 Low spur, 75 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradual NW. slope, through dense juniper and pinon timber.

59.50 Timber becomes scattered, bears NW. and SE.

62.30 Old wood road, bears NW. and SE.

68.20 Irrigation ditch, 4 lks. wide, 1 ft. deep, drains N.

73.30 Old road, bears N. 20° W. and S. 20° E.

80.00 Draw, 200 ft. below spur, drains N. 20° W.; ascend gradual NE. slope.

81.83 The cor. of secs. 27, 28, 33, and 34, 30 ft. above draw.

Land, rolling and mountainous, with a general northerly exposure and drainage.

Soil, shallow dark clay loam, mixed with rock; 3rd rate. Volcanic formation.

Undergrowth, scattered sage, oak, and serviceberry brush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

N. $0^{\circ}35'$ W., bet. secs. 27 and 28, reestablishing survey executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890. Descend gradual NW. slope of rolling mountainous land, through scattered juniper and pinon timber and undergrowth of sagebrush.

- 4.00 Draw, 10 ft. below cor., drains NW.; ascend gradually along W. slope.
- 6.30 Unimproved road, bears NW. and SE.
- 19.35 Top of ascent on W. slope, 15 ft. above draw, bears E. and W.; descend gradually.
- 27.20 Road, bears N. 20° E. and S. 20° W.
- 28.70 Pole fence, bears N. 20° E. and S. 20° W.; leave timber and enter meadow land of the Manti Livestock Company's Ranch.
- 33.10 Nioche Creek, stream, 12 lks. wide, 6 ins. deep, flows N. 50° E.; dense willows and birch along banks of creek.
- 40.13 In meadow land, 3^o ft. below top of ascent. The original $\frac{1}{4}$ sec. cor. secs. 27 and 28, which is a volcanic stone, 14 x 9 x 9 ins., set in a mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S28 | S27

1933

raise a mound
of stone, 3 ft. base, 2 ft. high, W. of cor.

Pole fence:

N. $0^{\circ}34'$ W., with continuous measurement.

- 67.00 Pole fence at the N. side of meadow land, bears N. $85^{\circ}30'$ and S. $85^{\circ}30'$ E.; descend gradual NE. slope through dense undergrowth of sagebrush, over bench land.
- 75.00 Nioche Creek, 5 lks. wide, 3 ins. deep, 115 ft. below the $\frac{1}{4}$ sec. cor., flows N. 25° W.; dense willows and birch along banks of creek; ascend gradual SW. slope.
- 78.30 Unimproved road, bears N. 25° W. and S. 25° E.
- 80.40 On SE. slope, 15 ft. above creek.

The original cor. of secs. 21, 22, 27, and 28, which is a volcanic stone, 14 x 10 x 10 ins., set in a mound of stone, marked 3 notches on E. edge and 2 notches on S. edge. Cor. is witnessed by a bearing tree as follows.

A juniper, 18 ins. diam., bears S. 63° E., 14 lks. marked S27 T22S R3E.

At the cor. point.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

T22S R3E	
S21	S22
+	
S28	S27

1933

from which

A juniper, 4 ins. diam., bears N. $69^{\circ}45'$ E., 119 lks. dist., marked T22S R3E S22 BT.

A juniper, 8 ins. diam., bears N. $28^{\circ}50'$ W., 426 lks. dist., marked T22S R3E S21 BT.

No bearing trees in secs. 27 and 28 available.

Land, rolling and mountainous, with a general northerly exposure and drainage.

Soil, shallow black loam, mixed with volcanic rock; 3rd rate.

Volcanic formation.

Undergrowth, scattered and dense sagebrush on portions of mile.

Timber, scattered juniper and pinon on portion of mile.

Good grazing land.

From the cor. of secs. 22, 23, 26, and 27.

S. $87^{\circ}49'$ W., bet. secs. 22 and 27, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

Descend gradually over rolling N. slope of mountainous land, through scattered juniper and pinon timber and undergrowth of sage, oak, and serviceberry brush.

- 1.70 Yogo Creek, stream 10 lks. wide, 3 ins. deep, in draw, 20 ft. below cor., drains N.; thence across bottom lands of draw.
- 7.40 Leave bottom lands of draw and ascend gradually over general N. slope.
- 11.85 Old stake and rider fence at the E. bdy. of the Manti Livestock Company's Ranch, bears N. 15° E. and S. 15° W.
- 16.40 Top of low rise, projects N., 5.00 chs. dist. to end.
- 29.40 Top of low flat spur, 220 ft. above sec. cor., projects N., about 5.00 chs. dist. to end; descend gradual NW. slope.
- 40.82 Proportionate point; on NW. slope, 90 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for t sec. cor., with brass cap marked

S22	
t	—
S27	
1933	

DEPARTMENT OF THE INTERIOR, U. S. SURVEYOR, J. E.

edland

Chains

A juniper, 4 ins. diam., bears N. 80° E., 176 lbs.
dist., marked & 822 ft.

A juniper, 4 ins. diam., bears S. $10^{\circ} 45'$ E., 134 lbs.
dist., marked & 827 ft.

Continue on same line with continuous measurement,
reestablishing surveys executed by A.D. Ferron, U.S.
Deputy Surveyor, in 1881, and resurveyed in 1890.

48.15 Wash, 10 lbs. wide, 5 ft. deep, in swale near head, drain
E.; ascend gradually along N. slope.

35.40 Low rolling spur, 35 ft. above wash, projects NW.; descend
gradually over rolling SW. and W. slope.

79.30 Begin abrupt descent over W. slope, bears N. and S.

31.43 The cor. of secwsl, 21, 22, 27, and 28, 115 ft. below spur

Land, rolling and mountainous, with a general northerly
exposure and drainage.

Soil, shallow dark clay and sand loam, mixed with rock;
3rd rate.

Volcanic formation.

Under-growth, scattered sage, oak, and serviceberry brush

timber, scattered juniper and pinon

Fair grazing land.

N. $0^{\circ}01'$ W., bet. secs. 21 and 22, reestablishing survey
executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881,
and resurveyed in 1890.

Ascend gradual SW. slope of rolling mountainous land,
to rough, very scattered juniper and pinon timber, and denuded
short under-growth of sagebrush.

4.00 Leave timber, bears E. and W.

11.30 Top of spur, 35 ft. above cor., projects N. 25° W.;
descend gradual E. slope of rolling bench land.

32.50 The S. side of bottom lands of Salina Canyon, bears
E. and W.; thence over nearly level bottom lands of
canyon.

40.29 Barbed wire fence, bears NW. and SE.

40.32 Proportionate point; in bottom lands of Salina Canyon,
170 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
ground, for 1 sec. cor., with brass cap marked

221	222
-----	-----

1933

raise a m

of stone, 3 ft. base, 2 ft. high, W. of cor.

DEPENDENT RESURVEY SUBDIVISION, T. 23 S., R. 3 E.

On line

Continue on same line with continuous measurement.

45.10 Salina Creek in bottom of Salina Canyon, stream 15 ft. wide, 3 ins. deep, flows N. 80° W. through a wide shallow channel.

47.80 Top of N. bank of creek, bears E. 80° W. and S. 80° E.; ascend gradually over rolling bench land.

54.20 State Highway, bears N. 80° W. to Salina, Utah, and S. 80° E. to Emery, Utah.

55.80 Wash, 30 lks. wide, 10 ft. deep, drains SW.

61.40 Top of S. bank of wash, bears NE. and SW.

62.00 Bottom of wash, 30 ft. deep, drains SW.

62.50 Top of N. bank of wash, bears NE. and SW.

74.70 Old road, bears NE. and SW.

80.64 On gradual SE. slope, 175 ft. above Salina Creek, in the SE. cor. of fences bearing N. and W.

The reestablished point for the cor. of secs. 15, 16, 21, and 22, cor. stone missing; cor. point is established at record course and distance from the original bearing tree to said cor., which point is NL 50° W., 16 lks. dist. from a juniper, 15 ins. diam., marked S22 T22S R3E RT.

At the established point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, with brass cap marked

T22S	R3E
S15	S15
S21	S22

1933

I mark additional bearing trees to cor. as follows.

A juniper, 6 ins. diam., bears N. $15^{\circ}45'$ E., 92 lks. dist., marked T22S R3E S15 BT.

A juniper, 8 ins. diam., bears S. $60^{\circ}30'$ W., 71 lks. dist., marked T22S R3E S21 BT.

No other suitable bearing trees available.

Pile a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

Land, rolling, with a general southerly and northerly exposure and drainage into Salina Creek.

Soil, shallow and deep clay and sand loam, mixed with rock; 3rd rate.

Sandstone and volcanic formation.

Undergrowth, dense short sagebrush.

Timber, very scattered juniper and pinon on extreme S. and N. portions of mile.

Fair grazing land.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains	
	From the cor. of secs. 14, 15, 22, and 23. S. $87^{\circ}02'$ W., bet. secs. 15 and 22, reestablishing survey executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.
	Descend abrupt W. slope of broken mountainous land, thru dense juniper and pinon timber and scattered undergrowth of sagebrush.
6.00	Junction of three gulches, 135 ft. below cor., drains S. from NW., N., and NE.; ascend abruptly.
9.00	Begin gradual ascent over rolling E. slope of bench, thru scattered juniper and pinon timber, bears N. and S.
21.35	Wood road, bears N. and S. 20° E.
26.20	Base of abrupt ascent over E. slope, bears NW. and S.
32.70	Spur, 195 ft. above junction of gulches, projects NW. from the S.; descend steep W. slope.
35.00	Leave timber and enter barren blue clay formation, bears NW. and S.
40.87	Proportionate point; on W. side of blue clay formation, 265 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S15 S22 1933 from which
	A pinon, 24 ins. diam., bears N. $80^{\circ}30'$ E., 56 lks. dist., marked $\frac{1}{4}$ S15 BT.
	A black pine, 30 ins. diam., bears S. $53^{\circ}30'$ W., 19 lks. dist., marked $\frac{1}{4}$ S22 BT.
	Continue on same line with continuous measurement, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890.
	Descend gradually along steep N. slope, through dense juniper and pinon timber and undergrowth of sagebrush.
43.40	Small draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; continue gradual descent along steep N. slope.
49.30	Low spur, 30 ft. above draw, projects N.; descend gradual W. slope, through scattered timber.
67.95	Improved road, bears N. 20° W. to Mountain Ranch Ranger Station, and S. 20° E. to the State Highway.
68.20	Old road to ranger station, bears N. 30° E. and S. 30° W.
72.60	Bottom of large wash, 75 ft. wide, 30 ft. deep, drains S. 30° W.
79.50	Old road, bears N. and S.
81.55	The cor. of secs. 15, 16, 21, and 22, 220 ft. below spur.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

Land, rolling and broken, with a general westerly exposure and drainage.

Soil, shallow and deep clay and sand loam; 2nd rate.

Undergrowth, scattered sagebrush.

Timber, scattered and dense juniper and pinon, on portion of mile.

Fair grazing land.

N. $0^{\circ}07'$ E., bet. secs. 15 and 16, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890.

Over rolling mountainous land, through very scattered juniper and pinon timber and undergrowth of sagebrush and yellow top, along fence line bearing N.

3.25 The NE. cor. of an eight strand barbed wire corral..

4.25 Old road, bears NW. and SE.

11.75 One wire telephone line, bears NE. to the Mountain Ranch Ranger Station, and SW. to Salina, Utah.

18.50 Wash, 80 lks. wide, 15 ft. deep, drains S. 60° E.

22.60 Low spur, projects S. 50° E.

37.00 Bottom of small wash in swale, drains S. 30° E.

40.50 On gradual SE. slope, 75 ft. above sec. cor., in fence line bearing N. and S.

The original $\frac{1}{4}$ sec. cor. secs. 15 and 16, which is a sandstone, 8 x 8 x 3 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by one bearing tree as follows.

A juniper, 15 ins. diam., bears S. $57^{\circ}30'$ E., 172 lks. dist., marked $\frac{1}{4}$ and other dim scribe marks. I blaze and mark this tree $\frac{1}{4}$ S15 BT.

At the cor. point:

Set an iron post, 3 ft. long, 1 in diam., 28 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S16 | S15

1933

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

From this cor., the barn at the Mountain Ranch Ranger Station, bears about N. $57^{\circ}30'$ E., 17.00 chs. dist.

The Mountain Ranch Ranger Station, bears about N. $67^{\circ}00'$ E., 18.00 chs. dist.

Thence:

N. $0^{\circ}14'$ E., with continuous measurement.

DEPENDENT RESURVEY SUBDIVISION, T. 32 S., R. 3 E.

Chains									
65.00	Bottom of small wash in swale, drains E., about 8.50 chs. dist. to junction with main wash.								
78.70	Bottom of small wash in swale, drains SE, about 13.00 chs. dist. to junction with main wash.								
80.98	On rolling land, 65 ft. above the $\frac{1}{4}$ sec. cor., at the NW. cor. of fence bearing E. and S. The original cor. of secs. 9, 10, 15, and 16, which is a sandstone, 12 x 10 x 6 ins., loosely set, marked 3 notches on E. edge and 4 notches on S. edge. Cor. has no accessories.								
	At the cor. point: Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in th ground, with the original cor. monument alongside, for cor. of secs. 9, 10, 15, and 16, with brass cap marked								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T22S</td><td>R3E</td></tr> <tr> <td>S9</td><td>S10</td></tr> <tr> <td colspan="2"><hr/></td></tr> <tr> <td>S16</td><td>S15</td></tr> </table>	T22S	R3E	S9	S10	<hr/>		S16	S15
T22S	R3E								
S9	S10								
<hr/>									
S16	S15								
	1933								
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.								
	Land, rolling, with a general easterly exposure and drainage into large wash draining southerly.								
	Soil, shallow loose sand and clay loam, mixed with rock; 3rd rate.								
	Undergrowth, scattered sagebrush and yellow top.								
	Timber, very scattered juniper and pinon.								
	Fair grazing land.								
	From the cor. of secs. 10, 11, 14, and 15.								
	S. $87^{\circ}17'$ W., bet. secs. 10 and 15, reestablishing survey executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.								
	Ascend abrupt rocky E. slope of mountainous land, through dense juniper and pinon timber, and undergrowth of sage, and scattered serviceberry brush.								
6.40	Ridge, 125 ft. above cor., bears N. and S.; descend abrupt W. slope.								
23.95	Barbed wire fence, bears N. and S.								
30.30	Slope changes from an abrupt W. slope to a gradual SW. slope.								
36.10	Draw, drains N. 80° W.; thence descend gradually over W. slope through very scattered juniper and pinon timber.								
40.73	Proportionate point; on gradual W. slope, 815 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in th ground, for $\frac{1}{4}$ sec. cor., with brass cap marked								

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

S10

S15

1933

from which

A pinon, 6 ins. diam., bears N. $16^{\circ}30'$ E., 43 lks.
dist., marked $\frac{1}{4}$ S10 BT.

A red cedar, 3 ins. diam., bears S. $23^{\circ}15'$ W., 61 lks.
dist., marked $\frac{1}{4}$ S15 BT.

Continue on same line with continuous measurement,
reestablishing surveys executed by A.D. Ferron, U.S.
Deputy Surveyor, in 1881, and resurveyed in 1890.

- 41.30 Intersect a small reservoir dam, 50 lks. wide.
- 43.40 Begin gradual descent along N. slope of spur, projecting from the SE.
- 57.80 Top of spur, 40 ft. below the $\frac{1}{4}$ sec. cor., projects NW.: from this point, the E. end of fence from the W., bears S., 1.00 ch. dist.; descend gradual W. slope.
- 64.85 Road, at E. edge of cultivated land, bears N. and S.; gate in fence bearing E. and W., bears S., 1.00 ch. dist.
- 70.60 The W. edge of cultivated land; bears N. and S.
- 71.00 Barbed wire fence, bears N. and S.
- 72.32 From this point, the SW. cor., B. E. Madsen's ranch house, N. $20^{\circ}22'$ W., 68 lks. dist.
The SW. cor. of shed, bears N. $24^{\circ}52'$ E., 116 lks. dist.
The top of a metal granary, bears N. $41^{\circ}25'$ E., 80 lks. dist.
- 74.30 Bottom of deep, wash, 1.00 ch. wide, 40 ft. deep, drains S.
- 77.80 Road, bears NE. and W..
- 81.59 The cor. of secs. 9, 10, 15, and 16, 120 ft. below spur.
Land, E. portion of mile is broken and mountainous; W. portion is rolling, with a general westerly exposure and drainage.
Soil, deep clay loam on W. portion of mile; 2nd rate; E. portion is shallow clay and rock; 3rd rate.
Undergrowth, scattered sagebrush and serviceberry.
Timber, dense and scattered juniper and pinon on E. portion of mile.
Fair grazing land.
-
- North, bet. secs. 9 and 10, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890.
Ascend gradual SE. slope of rolling mountainous land, through scattered juniper and pinon timber and undergrowth of sage, oak, and rabbit brush.
- 0.15 Road, bears E. and W.

DEPENDENT RESURVEY SUBDIVISION, T. 32 S., R. 3 E.

Chains

- 6.15 Road, bears NE. and SW.
- 12.35 Road, bears NW. and SE.
- 12.95 Barbed wire fence, bears N. $50^{\circ}30'$ W., and S. $50^{\circ}30'$ E.
- 23.90 The S. edge of cultivated land, bears E. and W.
- 23.90 The N. edge of cultivated land, bears E. and W.
- 40.45 On gradual SE. slope, 155 ft. above sec. cor.
The original $\frac{1}{4}$ sec. cor. secs. 9 and 10, which is a sandstone, 18 x 8 x 8 ins., loosely set, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

S9 | S10

1933

raise a mound
of stone, 3 ft. base, 2 ft. high, W. of cor.

Thence:

N. $0^{\circ}25'$ W., with continuous measurement.

- 43.30 Low spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend gradual NE. slope.
- 54.70 Draw, 35 ft. below spur, drains SE.; ascend gradual S. slope.
- 56.00 Timber becomes more dense, bears E. and W.
- 66.40 Spur, 115 ft. above draw, projects S. 10° E.; descend gradual NE. slope.
- 76.20 Draw, 60 ft. below spur, drains SE.; ascend gradual SW. slope.
- 80.81 On gradual SW. slope, .45 ft. above draw.

The original cor. of secs. 3, 4, 9, and 10, which is a sandstone, 18 x 6 x 5 ins., loosely set in mound of stone marked 5 notches on S. edge and 3 notches on E. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 3, 4, 9, and 10, with brass cap marked

T22S R3E

S4 | S3

S9 | S10

1933

from which

451

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

A juniper, 3 ins. diam., bears N. $50^{\circ}30'$ E., 85 lks.
dist., marked BT.

A juniper, 3 ins. diam., bears S. 30° E., 80 lks.
dist., marked BT.

A juniper, 8 ins. diam., bears S. 26° W., 122 lks.
dist., marked T22S R3E S9 BT.

A juniper, 6 ins. diam., bears N. 43° W., 52 lks.
dist., marked T22S R3E S4 BT.

Land, rolling and mountainous, with a general easterly
and southerly exposure and drainage.

Soil, shallow and deep clay and sand loam; 3rd rate.
Lime and sandstone formation.

Undergrowth, scattered sage, oak, and rabbit brush.

Timber, scattered juniper and pinon.

Fair grazing land.

From the cor. of secs. 3, 3, 10, and 11.

S. $87^{\circ}47'$ W., bet. secs. 3 and 10, reestablishing surveys
executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

Ascend gradual E. slope of broken mountainous land, through
dense pinon and juniper timber and undergrowth of sage,
oak, serviceberry, and mahogany.

10.50 Ridge, 180 ft. above cor., bears N. and S.; descend NW.
slope.

31.50 Enter sagebrush opening, bears N. and S.

36.70 Draw, 425 ft. below ridge, drains SW.; ascend gradual SE.
slope through dense juniper and pinon timber.

41.13 Proportionate point; on top of low spur, 20 ft. above
draw, projects S.W.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ —————
S3
S10

1933

from which

A pinon, 9 ins. diam., bears S. $46^{\circ}30'$ E., 51 lks.
dist., marked $\frac{1}{4}$ S10 BT.

A juniper, 12 ins. diam., bears N. $51^{\circ}15'$ W., 86 lks.
dist., marked $\frac{1}{4}$ S3 BT.

Continue on same line, with continuous measurement,
reestablishing surveys executed by A.D. Ferron, U.S.
Deputy Surveyor, in 1881, and resurveyed in 1890.

Descend gradual NW. slope.

44.40 Leave timber, bears NE. and SW.

DEPENDENT RESURVEY SUBDIVISION, T. 23 S., R. 3 E.

Chains	
.53.20	Road at base of descent, bears N. 10° E. and S. 10° W.; thence over rolling land through scattered undergrowth of sagebrush.
53.60	Enter cultivated land, bears N. 10° E. and S. 10° W.
63.50	Bottom of draw, 50 lks. wide, 15 ft. deep, drains S. 25° E.
64.00	Barbed wire fence, bears N. 30° E. and S. 30° W.
66.80	Leave cultivated land, bears N. and S.
70.30	Small spur, projects S.
74.25	Enter cultivated land, bears N. 10° W. and S. 10° E.
79.95	Leave cultivated land, bears N. 10° W. and S. 10° E.
81.99	The cor. of secs. 3, 4, 9, and 10. Land, E. portion of mile is broken and mountainous, with a general southwesterly exposure and drainage; W. portion of mile is rolling, with a general easterly and westerly exposure and drainage. Soil, E. portion of mile is shallow clay and sand loam, mixed with rock; 3rd rate; W. portion of mile is a deep sand and clay loam; 2nd rate. Undergrowth, dense sage, oak, serviceberry, and mahogany on E. portion of mile; W. portion of mile is scattered sagebrush. Timber, dense juniper and pinon on E. portion of mile. Fair grazing land.
	N. 0°33' E., bet. secs. 3 and 4, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890. Ascend gradual SE. slope of broken mountainous land, through scattered juniper and pinon timber and undergrowth of sage, oak, and serviceberry brush.
4.80	Bottom of small wash, drains S. 30° E.
26.50	Spur, 140 ft. above cor., projects S. 20° E.; leave timber and descend gradual NE. slope.
26.95	Barbed wire fence, bears E. and W.
31.00	Enter dense oak brush, bears E. and W.
36.80	Draw, 85 ft. below spur, drains S. 30° E.; ascend gradual SW. slope.
40.31	On gradual SW. slope, 70 ft. above draw. The original $\frac{1}{4}$ sec. cor. secs. 3 and 4, which is a sandstone, 18 x 12 x 6 ins., firmly set in mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories. At the cor. point: Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked .

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

4

S4 | S3

1933

No other suitable accessories available.

Thence:

N. $0^{\circ}05'$ W., with continuous measurement.

48.50 Enter scattered juniper and pinon timber, bears E. and W.

52.80 Leave timber and dense oak brush and enter undergrowth of sagebrush, and scattered clumps of oak, bears E. and W.

65.30 Spur, 310 ft. above the $\frac{1}{4}$ sec. cor., projects S. 40° E.; ascend gradually along SE. slope.

70.30 Enter dense oak brush, bears NW. and SE.

73.98 The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the township, 35 ft. above spur, heretofore described.

Land, broken and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate.

Sandstone formation.

Undergrowth, scattered and dense sage, oak, and serviceberry brush.

Timber, scattered juniper and pinon on portion of mile.

Fair grazing land.

From the cor. of secs. 4, 5, 32, and 33, the S. bdy. of the township, heretofore described.

N. $0^{\circ}32'$ E., bet. secs. 32 and 33, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

Ascend abrupt S. slope of broken mountainous land, through dense undergrowth of sage, oak, serviceberry, chokecherry, maple, and buck brush.

3.60 Trail, bears N. 60° W. and S. 60° E.3.90 Spur, 80 ft. above cor., projects S. 60° E.; descend abrupt N. slope.

22.20 Enter dense aspen, bears E. and W.

27.80 Leave aspen, bears E. and W.; thence across sagebrush opening.

30.40 Enter dense aspen, bears E. and W.

31.20 Draw, 650 ft. below spur, drains N. 70° E.; ascend SE. slope; leave aspen, bears E. and W.

33.10 Spur, 15 ft. above draw, projects E., 4.00 chs. dist. to end; descend gradual N. slope.

38.50 Draw, 35 ft. below spur, drains E., 5.00 chs. dist. to junction with last draw; ascend S. slope.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- 40.37 Proportionate point; on gradual S. slope, 40 ft. above draw.
Set an iron post, 3 ft. long, 1' ins. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|---------------|-----|
| $\frac{1}{4}$ | |
| S32 | S33 |
- 1933
- raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Continue on same line with continuous measurement.
- 46.60 Enter dense juniper and pinon timber, bears NW. and SE.
- 55.00 Leave timber, bears NW. and E.; continue ascent through dense undergrowth about 15 ft. high.
- 57.66 Trail, bears S. 80° E. and N. 80° W.
- 58.00 Spur, 500 ft. above the $\frac{1}{4}$ sec. cor., projects S. 80° E.; descend abrupt N. slope.
- 80.74 Proportionate point; at base of descent, 350 ft. below spur.
Set an iron post, 3 ft. long, 2' ins. diam., 30 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked
- | | |
|--------------|-----|
| T22S | R3E |
| S29 | S28 |
| S32 S33 | |
- 1933
- raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Land, broken and mountainous, with a general northerly and southerly exposure and drainage into draws draining easterly.
- Soil, shallow clay and sand loam, mixed with rock; 3rd rate.
Sand and limestone formation.
- Undergrowth, dense sage, oak, serviceberry, chokecherry, and buck brush.
- Timber, scattered patches of dense aspen on portions of mile.
- Fair grazing land.
-
- From the cor. of secs. 27, 28, 33, and 34.
- S. $89^{\circ}57'$ W., bet. secs. 28 and 33, reestablishing survey executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890.
- Ascend abrupt E. slope of spur, through dense short undergrowth of sagebrush.
- 2.10 Spur, 50 ft. above cor., projects N. 15° E.; 2.00 chs. dist. to end; descend abrupt W. slope.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- 5.50 Road, bears N. and S.; from this point, a gate in fence bearing E. and W., bears N., 1.00 ch. dist.
- 5.75 Net wire fence, bears N. and S., at base of descent from spur, 90 ft. below top.
- 7.20 Mioche Creek, 10 lks. wide, 6 ins. deep, drains N.; dense willows along banks of creek; thence through improvements of the ranch of the Manti Livestock Company.
- 11.20 Pole corral fence, bears N. 5° E. and S. 5° W.; thence through corral.
- 15.00 The NW. cor. of barn, bears S., 13 lks. dist.
- 15.30 Intersect a long sheep shed bearing N. $11^{\circ}20'$ E. and S. $11^{\circ}20'$ W.; leave corral.
- 18.64 The N. end of the ranch house of the Manti Livestock Company, bears S., 88 lks. dist.
- 19.70 Pole fence, bears N. 25° W. and S. 25° E.
- 20.00 Irrigation ditch, 10 lks. wide, 2 ft. deep, drains N. 25° W.; ascend gradual E. slope through scattered undergrowth of sage, oak, and serviceberry brush.
- 23.00 Top of low spur, 135 ft. above Mioche Creek, projects N.; descend NW. slope.
- 33.25 Swale, 40 ft. below spur, drains N. 20° E.; ascend NE. slope through dense undergrowth of sage, oak, serviceberry and buck brush.
- 39.30 Proportionate point; on NE. slope, 45 ft. above swale. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S28
+ —
S33
1933

raise a mound
of stone, 3 ft. base, 3 ft. high, N. of cor.

Continue on same line with continuous measurement, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

- 47.00 Base of abrupt ascent over steep E. slope of high mountainous land, bears N. and S.
- 50.40 Top of limestone rim, 40 ft. high, faces E. and bears N. and S.; continue abrupt ascent.
- 56.40 The N. point of rim ledge, bearing S. 15° E., at the N. end of bench to the S., which breaks off into a deep ravine to the N., 475 ft. above the $\frac{1}{4}$ sec. cor.
- 70.60 Steep ravine near head, 20 ft. below end of bench and N. point of rim, drains NE.; ascend steep E. slope.
- 78.90 The cor. of secs. 28, 29, 32, and 33, 620 ft. above the $\frac{1}{4}$ sec. cor.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

Land, E. portion of mile is rolling with a general easterly and westerly exposure and drainage into Nioche Creek which drains northerly; W. portion of mile is steep and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay loam, mixed with rock; 3rd rate.

Undergrowth, scattered and dense sage, oak, serviceberry and buck brush on portions of mile.

No timber.

Good grazing land.

N. 0°56' W., bet. secs. 28 and 29.

Ascend gradually along abrupt E. slope of high mountainous land, through dense undergrowth of sage, oak, serviceberry, and buck brush.

27.00 Top of S. rim of flat top spur, 390 ft. above cor., bears NE. and SW.; thence across level top of spur which projects NE.

31.50 Fence at top of N. rim of spur, bears N. 40° E. and S. 40° W.; descend gradually along W. slope.

40.375 Proportionate point; on W. slope, 110 ft. below spur.

Set an iron post, 3 ft. long, 1' in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S29	S28

1933

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Continue on same line with continuous measurement.

50.00 Enter small opening in the undergrowth, bears NW. and SE.

51.00 Slope changes from a gradual W. slope to an abrupt NW. slope.

54.30 Leave opening and enter dense undergrowth of tall oak, serviceberry, and buck brush, from 6 to 8 ft. high, bears NE. and SW.

30.75 Proportionate measurement; on steep NW. slope, 580 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2' ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 20, 21, 28, and 29, with brass cap marked

T22S R3E	
S20	S21

S29 | S28

1933

deposit a limestone, 10 x 9 x 8 ins., at base of post, marked X.

DEPENDENT RESURVEY SUBDIVISION, T. 23 S., R. 3 E.

Chains

Land, broken and mountainous, with a general easterly and northwesterly exposure and drainage.
 Soil, shallow clay, mixed with rock; 3rd rate.
 Lime and sandstone formation.
 Undergrowth, dense tall sage, oak, serviceberry, and buck brush.
 No timber.
 Fair grazing land.

From the cor. of secs. 21, 22, 27, and 28.

N. $89^{\circ}48'$ W., bet. secs. 21 and 28, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890.

Descend gradual NW. slope of rolling mountainous land, through scattered undergrowth of sagebrush.

- 1.40 Road, bears NW. and SE.
- 2.60 Nioche Creek, 30 ft. below cor., 10 lks. wide, 4 ins. deep, flows NW.; dense willows along banks of creek; ascend gradual NE. slope.
- 8.30 The E. edge of small bench, bears NE. and SW.
- 21.90 Top of low spur, projects N. 20° E.
- 25.80 Small draw, drains N.
- 35.80 Base of abrupt ascent over steep E. slope of high mountainous land, through dense undergrowth of sage, oak, serviceberry and buck brush, bears N. and S.
- 39.55 Proportionate point; on steep E. slope, 185 ft. above Nioche Creek.
 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S21
—
S28

1933

raise a mound
of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

Continue on same line with continuous measurement, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

- 40.34 Fall 19 lks. N. of an iron post; 3 ins. diam., extending 18 ins. above the ground. Post has a galvanized cap on top with a small hole in its center, and which we assume was set by some local surveyor.
- 64.80 Top of high spur, 725 ft. above the $\frac{1}{4}$ sec. cor., projects N. 10° E., from S. 15° W.; descend NW. slope.
- 67.35 Fence, bears N. 20° E. and S. 20° W.
- 79.40 The cor. of secs. 20, 21, 28, and 29, 215 ft. below spur.

INDEPENDENT SURVEYING COMPANY, INC., MEMPHIS, T. E. S. C.

Chaine

Land, E. half mile is rolling with a general northeasterly exposure and drainage; W. half mile is high and mountainous, with a general easterly and northwesterly exposure and drainage.

Soil, shallow clay and rock; 3rd rate.
Volcanic and limestone formation.

Undergrowth, scattered and dense sage, oak, serviceberry, and buck brush.

No timber.

Fair grazing land.

N. 0°38' W., bet. secs. 20 and 21..

Descend gradually along W. slope of high mountainous land, through dense undergrowth of tall sage, oak, serviceberry, and buck brush.

22.50 Enter medium dense juniper and pinon timber, bears NW. and SE.

33.50 Spur, slopes N. 30° W.; descend abrupt N. slope.

40.12 On steep N. slope, 780 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground and in a mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 20 and 21, with brass cap marked

W.C	
$\frac{1}{4}$	
S20	S21

1933

from which

A juniper, 3 ins. diam., bears S. 73°10' E., 93 lks.
dist., marked WC $\frac{1}{4}$ S21 BT.

A juniper, 3 ins. diam., bears S. 87°40' W., 131 lks.
dist., marked WC $\frac{1}{4}$ S20 BT.

40.37 Proj. point for the $\frac{1}{4}$ sec. cor. secs. 20 and 21, falls on top of steep bank which is subject to caving.

Set a sandstone, 15 x 10 x 4 ins., 10 ins. in the ground marked X on top and $\frac{1}{4}$ on W. face, for $\frac{1}{4}$ sec. cor. secs. 20 and 21.

From this cor., the NE. cor. of the shaft of the coal mine of the Sevier Valley Coal Company, bears S. 80°13' W. 8.25 chs. dist.
Leave timber, bears E. and W.

44.00 Salina Creek in bottom of Salina Canyon, 170 ft. below $\frac{1}{4}$ sec. cor., 15 lks. wide, 6 ins. deep, flows S. 80° W.; ascend abrupt S. slope over broken ledges.

45.10 Center of tracks of the Denver and Rio Grande Western Railroad, bears N. 81°15' E., about 18.00 chs. dist. to turn table at end of road, and S. 81°15' W., 10.00 chs. dist. to curve.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- 45.90 State Highway, bears E. to Emery, Utah, and W. to Salina, Utah.
- 45.98 One wire telephone line, bears E. to the Mountain Ranch Ranger Station and W. to Salina, Utah.
- 59.80 Top of sandstone ledges, 180 ft. high, bears E. and W.; continue abrupt ascent over SW.slope.
- 60.555 Proportionate point; on rocky abrupt SW.slope, 665 ft. above Salina Creek.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to solid rock and in a mound of stone to top, for N. 1/16 sec. cor. secs. 20 and 21, with brass cap marked

N 1/16

S20 | S21

1933

from which

A pinon, 5 ins. diam., bears N. 76° E., 76 lks. dist., marked N 1/16 S21 BT.

A pinon, 10 ins. diam., bears N. 82°30' W., 82 lks. dist., marked N 1/16 S20 BT.

Continue abrupt ascent over steep SE.slope through dense juniper and pinon timber, bears NW. and SE.

68.50 Top of ascent on spur, 900 ft. above Salina Creek, slopes S. 15° E. and bears N. 15° W.; thence ascend gradually along E. slope of spur..

80.74 Proportionate point; on E. slope, 40 ft. above spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground to solid rock and in a mound of stone to top, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

T22S R3E
S17 | S16

—
S20 | S21

1933

from which

A juniper, 3 ins. diam., bears N. 42°30' E., 37 lks. dist., marked T22S R3E S16 BT.

A juniper, 12 ins. diam., bears S. 10°45' E., 42 lks. dist., marked T22S R3E S21 BT.

A juniper, 9 ins. diam., bears S. 15° W., 36 lks. dist., marked T22S R3E S20 BT.

A juniper, 12 ins. diam., bears N. 60°45' W., 4 lks. dist., marked T22S R3E S17 BT.

Land, broken and mountainous, with a general northerly and southerly exposure and drainage into Salina Creek.

Undergrowth, dense sage, oak, serviceberry, and buck brush.

Timber, dense juniper and pinon on portions of mile.

Fair grazing land.

DEPENDENT RESURVEY SUBDIVISION, T. 22^S. R. 3 E.

Chains

- From the cor. of secs. 15, 16, 21, and 22.
- N. $89^{\circ}43'$ W., bet. secs. 16 and 21, reestablishing survey executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890. Ascend gradually over SE. slope over rolling bench land, through medium dense undergrowth of sage, oak, serviceberry and buck brush. Line follows along a barbed wire fence.
- 5.80 One wire telephone line, bears NE. to the Mountain Ranch Ranger Station, and SW. to Salina, Utah.
- 39.95 Proportionate measurement; at base of abrupt ascent over E. slope of mountain, 230 ft. above sec. cor., bears N. and S.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ S16
S21
- 1933
- from which
- A mahogany, 4 ins. diam., bears S. $46^{\circ}45'$ W., 54 lks. dist., marked $\frac{1}{4}$ S21 BT.
- A juniper, 5 ins. diam., bears N. $52^{\circ}15'$ W., 42 lks. dist., marked $\frac{1}{4}$ S16 BT.
- Continue on same line with continuous measurement, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.
- Ascend abrupt E. slope through dense undergrowth of tall oak, sage, serviceberry and buck brush, and very scattered juniper and pinon timber.
- 41.50 End of fence from the E. at base of sandstone ledge, 40 ft. high, bears N. and S.
- 53.00 Ascent becomes gradual, bears N. and S.
- 54.70 Spur, 910 ft. above sec. cor., projects S.; descend gradual SW. slope through dense pinon and juniper timber, and undergrowth of mahogany.
- 60.305 Proportionate point; on SW. slope, 85 ft. below spur. Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground and in a mound of stone to top, for W. $1/16$ sec. cor. secs. 16 and 21, with brass cap marked
- $W \frac{1}{16}$ S16
S21
- 1933
- from which
- A juniper, 3 ins. diam., bears S. $64^{\circ}30'$ E., 30 lks. dist., marked $W \frac{1}{16}$ S21 BT.
- A juniper, 3 ins. diam., bears N. $43^{\circ}15'$ W., 27 lks. dist., marked $W \frac{1}{16}$ S16 BT.

INDEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

73.30 Draw, 320 ft. below the W. 1/16 sec. cor., drains S. 20° E.; ascend abrupt rocky E. slope.

80.28 The cor. of secs. 16, 17, 20, and 21, 255 ft. above draw.

Land, W. half mile is rough and mountainous with a general easterly and southeasterly exposure and drainage; E. half mile is rolling bench land with a general southeasterly exposure and drainage.

Soil, shallow clay loam, mixed with rock; 3rd rate. Sand and limestone formation.

Undergrowth, dense sage, oak, serviceberry, and buck brush.

Timber, scattered and dense juniper and pinon on W. half mile; no timber on E. half mile.

Fair grazing land.

N. $0^{\circ}14'$ E., bet. secs. 16 and 17.

Ascend gradually along steep E. slope of rough mountainous land, through dense juniper and pinon timber and scattered undergrowth of sagebrush.

23.70 Spur, 375 ft. above cor., projects S. 10° W. from N. 75° E.; thence ascend gradually along W. slope.

24.70 Top of ascent on W. slope, 30 ft. above spur, bears E. and W.; descend gradually along W. slope, through dense juniper and fir timber and undergrowth of mahogany.

32.60 Leave timber and enter dense undergrowth of oak, sage, serviceberry, mahogany, and maple, bears E. and W.

40.37 Proportionate point; on W. slope, 130 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



 S17 | S16
 1933

from which

A mahogany, 3 ins. diam., bears N. $26^{\circ}15'$ E., 33 lbs. dist., marked $\frac{1}{4}$ S16 FT.

An oak, 4 ins. diam., bears S. $21^{\circ}15'$ W., 15 lbs. dist., marked $\frac{1}{4}$ S17 FT.

Continue on same line with continuous measurement.
Ascend along W. slope.

60.20 Head of draw, drains S. 60° W., 10.00 chs. dist., thence S. 10° W.; ascend SW. slope, through scattered juniper and pinon timber.

72.40 Ridge, 445 ft. above the $\frac{1}{4}$ sec. cor., bears N. 10° E. and S. 85° W.; descend gradual NW. slope.

80.74 On NW. slope, 60 ft. below ridge.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

The original cor. of secs. 8, 9, 16, and 17, which is a sandstone, 12 x 9 x 6 ins., firmly set, marked 4 notches on S. and E. edges. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original cor. monument alongside, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T22S	R3E
S8	S9

S17	S16

1933

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, broken and mountainous, with a general westerly and southeasterly exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate.
Sandstone formation.

Undergrowth, dense sage, oak, serviceberry, mahogany, maple, and buck brush.

Timber, scattered and dense juniper and pinon, and a few scattered fir.

Fair grazing land.

From the cor. of secs. 9, 10, 15, and 16.

N. 89°53' W., bet. secs. 9 and 16, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890. Descend gradually over rolling mountainous land, through scattered juniper and pinon timber and undergrowth of sagebrush and yellow top.

2.80 Small draw, 10 ft. below cor., drains SE.; ascend gradual E. slope.

38.00 Leave timber and enter dense undergrowth of tall oak, serviceberry, and buck brush, bears N. and S.

39.92 Proportionate point; on top of low spur, 315 ft. above sec. cor., projects S. 60° E.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

89	-----

816	-----

1933	

raise a mound of stone; 3 ft. base, 2 ft. high, N. of cor.

Continue on same line with continuous measurement, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

. S. C. DEPENDENT RESURVEY SUBDIVISION, T. 32 S., R. 3 E.

Chains	
	Descend gradually along S. slope.
46.00	Draw, 35 ft. below the $\frac{1}{4}$ sec. cor., drains SE., and heads NW., about 5.00 chs. dist.; ascend abruptly over steep E. slope.
53.00	Top of ledge, 40 ft. high, faces E. and bears N. and S.
77.40	Top of main ridge, 920 ft. above draw, bears N. 10° E. and S. 10° W.; descend gradual W. slope.
80.24	The cor. of secs. 8, 9, 16, and 17, 20 ft. below top of ridge.
	Land, broken and mountainous, with a general easterly exposure and drainage.
	Soil, shallow sand and clay loam, mixed with rock; 3rd rate.
	Sandstone formation.
	Undergrowth, scattered sagebrush and yellow top on E. portion of mile; dense tall oak, serviceberry, and buck brush on W. portion.
	Timber, scattered juniper and pinon on E. portion of mile.
	Fair grazing land.
	N. $0^{\circ}41'$ E., bet. secs. 8 and 9.
	Descend gradual NW. slope of high mountainous land, through dense tall undergrowth of oak, mahogany, serviceberry, and buck brush.
24.50	Head of draw, 250 ft. below cor., drains SW.; ascend abrupt S. slope.
41.00	On S. slope, 275 ft. above head of draw.
	The original $\frac{1}{4}$ sec. cor. secs. 8 and 9, which is a sandstone, $10 \times 10 \times 6$ ins.; loosely set, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.
	At the cor. point:
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
	 $\frac{1}{4}$ S8 S9 1933
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Thence:
	N. $0^{\circ}08'$ W., with continuous measurement.
41.90	Spur, 5 ft. above the $\frac{1}{4}$ sec. cor., projects W.; descend gradual N. slope.
60.00	Draw, 260 ft. below spur, drains W.; ascend S. slope.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- 71.00 Spur, 115 ft. above draw, projects W.; descend gradual NW. slope.
 80.96 On NW. slope, 155 ft. below spur.

The original cor. of secs. 4, 5, 8, and 9, which is a sandstone, 10 x 7 x 8 ins. above ground, firmly set, marked 5 notches on S. edge and 4 notches on E. edge. Cor. has no accessories.

At the cor. point;

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T22S	R3E
S5	S4
<hr/>	
S8	S9

1933

No other suitable accessories available.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate.

Undergrowth, dense tall oak, serviceberry, mahogany, and buck brush.

No timber.

Fair grazing land.

From the cor. of secs. 3, 4, 9, and 10.

N. 39°00' W., bet. secs. 4 and 9, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1881, and resurveyed in 1890.

Ascend gradual NE. slope of broken mountainous land, through dense undergrowth of sage, oak, and serviceberry brush and very scattered juniper and pinon timber.

- 1.90 Spur, 55 ft. above cor., projects SE.; continue ascent over gradual E. slope.
 10.05 Barbed wire fence, bears N. and S.
 11.80 Small draw, drains SE.
 12.00 Oak brush becomes more dense.
 15.00 Draw, drains S. 60° E.; ascend NE. slope.
 24.00 Low spur, projects SE.; ascend gradual E. slope.
 37.00 Head of draw, drains SE.; continue ascent over E. slope.
 40.01 On gradual E. slope, 130 ft. above sec. cor.
- The original 1/4 sec. cor. secs. 4 and 9, which is a sandstone, 16 x 8 x 5 ins., firmly set in the ground and

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

At the cor. point: a small mound of stone, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original cor. monument alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \text{S4} \\ \hline \frac{1}{4} \\ \text{S9} \end{array}$$

.1933

from which

A lone juniper, 8 ins. diam., bears N. 30° E., 105 lks. dist., marked $\frac{1}{4}$ S4 BT.

An oak, 4 ins. diam., bears S. $45^{\circ}30'$ E., 89 lks. dist., marked BT.

Thence:

S. $89^{\circ}24'$ W., with continuous measurement, reestablishing surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

44.00 Begin abrupt ascent of steep E. slope of high mountainous land, bears N. and S.

65.65 Top of high main ridge, 860 ft. above the $\frac{1}{4}$ sec. cor., bears N. 20° E. and S. $12^{\circ}30'$ W.

From this point, a one room frame cabin, bears S. $67^{\circ}15'$ E., about 50.00 chs. dist.; descend gradual W. slope.

69.40 Descent becomes abrupt, bears N. and S.

79.54 The cor. of secs. 4, 5, 8, and 9, 250 ft. below ridge.

Land, broken and mountainous, with a general easterly and westerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with rock; 3rd rate; sandstone formation.

Undergrowth, dense sage, oak, serviceberry, and buck brush.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

N. $0^{\circ}26'$ E., bet. secs. 4 and 5.

Descend abrupt NW. slope of high mountainous land, through dense tall undergrowth of serviceberry, sage, oak, and buck brush, and a few scattered scrub juniper and pinon.

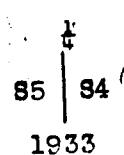
10.70 Gulch, 90 ft. below cor., drains SW.; ascend abrupt S. slope.

26.40 Ridge, 410 ft. above gulch, bears E. and W.; descend steep N. slope.

30.95 Trail, bears E. and W.

DEPENDENT RESERVE SURVEY, T. 3 N., R. 3 E.

Chains

- 38.04 Proportionate point; on steep N. slope, 220 ft. below ridge.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

from which
A balsam, 6 ins. diam., bears S. $35^{\circ}30'$ E., 33 lks. dist., marked $\frac{1}{4}$ S4 BT./
- A Douglas fir, 20 ins. diam., bears S. $37^{\circ}15'$ W., 65 lk dist., marked $\frac{1}{4}$ S5 BT./
- Continue on same line with continuous measurement.
Descend abrupt N. slope through strip of fir timber, bears E. and W.
- 46.30 Leave timber, bears E. and W.
- 62.40 Draw, 675 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° W.; scattered fir timber along bottom of draw; ascend steep SW. and S. slopes, through medium dense juniper and pinon timber.
- 71.15 Leave timber, bears NW. and SE.
- 73.20 Low spur, 210 ft. above draw, slopes off N. 80° W.; descend gradually along W. slope.
- 76.66 The cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the township, 30 ft. below spur, heretofore described.
Land, broken and mountainous, with a general westerly exposure and drainage.
Soil, shallow sand and clay loam, mixed with rock; 3rd rate.
Sandstone formation.
Undergrowth, dense tall oak, sage, serviceberry, and buck brush.
Timber, scattered fir and medium dense juniper and pinon on central portion of mile.
Fair grazing land.
-
- From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the township, heretofore described.
N. $1^{\circ}44'$ E., bet. secs. 31 and 32.
Ascend gradual SW. slope of high mountainous land, through scattered juniper and pinon timber, and dense undergrowth of oak, sage, serviceberry, and buck brush.
- 14.00 Spur, 210 ft. above cor., projects W.; descend abrupt N. slope.
- 31.20 Draw, drains N. 80° W. from S. 80° E.; continue descent.

DEPENDENT RESURVEY SUBDIVISION, T4 22 S., R. 3 E.

Chains

- 33.10 Draw, 345 ft. below spur, drains W., 1.00 chs. dist. to junction with last draw; ascend abrupt S. slope.
 40.41 Proportionate point; on steep S. slope, 185 ft. above draw. Set an iron post, 3 ft. long; 1¹/₂ in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$
S31	S32
1933	

from which

A pinon, 16 ins. diam., bears S. 49°30' E., 66 lks. dist., marked $\frac{1}{4}$ S32 BT.

A juniper, 14 ins. diam., bears N. 35°15' W., 10 lks. dist., marked $\frac{1}{4}$ S31 BT.

Continue on same line with continuous measurement.

49.00 A small spring of good water at which is a watering trough, bears S. 46°00' W. For additional bearing to this spring, see that given on line bet. secs. 30 and 31.

49.50 Spur, 240 ft. above the $\frac{1}{4}$ sec. cor., projects S. 75° W.; trail on top of spur, bears N. 75° E. and S. 75° W.; descend along W. slope, through dense tall undergrowth.

55.00 Head of draw, 60 ft. below spur, drains W.; ascend gradually along W. slope.

80.82 Proportionate point; on W. slope, 130 ft. above head of draw.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins., in the ground, for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T22S	R3E
S30	S29
—	
S31	S32

1933

from which

A pinon, 3 ins. diam., bears N. 84°30' E., 65 lks. dist., marked BT.

A juniper, 9 ins. diam., bears S. 59°15' E., 136 lks. dist., marked T22S R3E S32 BT.

A pinon, 9 ins. diam., bears S. 31°30' W., 150 lks. dist., marked T22S R3E S31 BT.

A pinon, 7 ins. diam., bears N. 7°30' W., 100 lks. dist., marked T22S R3E S30 BT.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with rock; 3rd rate.

Sandstone formation.

DEPENDENT RESERVE SUBDIVISION, WISCONSIN, R. 3 E.

Chains

- Undergrowth, dense tall oak, sage, serviceberry, and buck brush.
- Timber, juniper and pinon.
- Fair grazing land.
- From the cor. of secs. 28, 29, 32, and 33.
- N. $89^{\circ}38'$ W., bet. secs. 29 and 32.
- Ascend abrupt E. slope of high mountainous land, through dense undergrowth of oak, sage, mahogany, serviceberry, and buck brush, from 12 ft. to 15 ft. high.
- 13.30 Ridge, 345 ft. above cor., bears N. 10° W., and S. 10° E. 10.00 chs. dist., thence SW.; descend abrupt W. slope through dense undergrowth from 6 to 8 ft. high.
- 13.20 Fence, bears N. 10° W. and S. 10° E.
- 27.20 Enter dense chokecherry brush, bears N. and S.
- 33.30 Enter dense aspen, maple and chokecherry, bears NW. and S.
- 34.80 Draw, 400 ft. below ridge, drains NW.; ascend along N. slope.
- 35.20 Leave aspen, bears NW. and SE.; continue through dense tall undergrowth.
- 39.50 Proportionate point; on N. slope, 30 ft. above draw. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|---------------|-----|
| $\frac{1}{4}$ | S29 |
| $\frac{1}{4}$ | S32 |
- 1933
- from which
- An oak, 4 ins. diam., bears N. 12° E., 33 lks. dist., marked $\frac{1}{4}$ S29 BT..
- An oak, 4 ins. diam., bears S. $3^{\circ}30'$ E., $7\frac{1}{2}$ lks. dist., marked $\frac{1}{4}$ S32 BT..
- Continue on same line with continuous measurement.
- 43.20 Spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend W. slope.
- 51.10 Draw, 145 ft. below spur, drains N. 10° E.; ascend E. slope.
- 71.50 Ridge, 470 ft. above draw, bears N. 10° W. and S. 10° E.; trail on top of ridge, bears with same; descend W. slope.
- 79.00 The cor. of secs. 29, 30, 31, and 33, 310 ft. below ridge Land, broken and mountainous with a general easterly and westerly exposure and drainage.
- Soil, shallow clay and sand loam, mixed with rock; 3rd rate.
- Sandstone formation.

DEPENDENT RESURVEY SUBDIVISION, T. 32 S., R. 3 E.

Chains

Undergrowth, dense tall oak, mahogany, serviceberry, choke-cherry, sage, and buck brush.

Timber, dense aspen on portion of mile.

Fair grazing land.

From the cor. of secs. 30 and 31, on the W. bdy. of the township, heretofore described.

S. $85^{\circ}42'$ E., bet. secs. 30 and 31.

Descend abrupt NE. slope of high mountainous land, through dense juniper, pinon, and fir timber and undergrowth of tall oak, sage, mahogany, serviceberry, and buck brush.

6.00 Bottom of canyon, 120 ft. below cor., drains NW.; ascend SW. slope.

7.00 Spur, 35 ft. above canyon, slopes SW.; descend SE. slope.

8.60 Draw, 30 ft. below spur, drains S. 60° W.; ascend NW. slope.

24.20 Slope changes from NW. slope to a W. slope.

29.65 A small spring of good water at which is a watering trough, bears S. $12^{\circ}30'$ E. For additional bearing to this spring, see that given on line bet. secs. 31 and 32.

32.20 Spur, 710 ft. above draw, projects S. 70° W.; descend SE. slope.

39.22 Proportionate point; on SE. slope, 70 ft. below spur, at base of small ledge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S30
—
 $\frac{1}{4}$ S31

1933

from which

A pinon, 20 ins. diam., bears N. $41^{\circ}30'$ E., 29 lks. dist., marked $\frac{1}{4}$ S30 BT.

A pinon, 20 ins. diam., bears S. $76^{\circ}30'$ E., 67 lks. dist., marked $\frac{1}{4}$ S31 BT.

Continue on same line with continuous measurement.

52.10 Draw, 205 ft. below the $\frac{1}{4}$ sec. cor., drains S. 30° W.; ascend abrupt W. slope through scattered timber and dense tall undergrowth.

67.50 Spur, 425 ft. above draw, projects S. 30° W.; descend SE. slope.

71.60 Head of draw, 40 ft. below spur, drains SE.; ascend abrupt W. slope.

78.64 The cor. of secs. 29, 30, 31, and 32, 90 ft. above head of draw.

DEPENDENT RESURVEY SUBDIVISION, T. 23 S., R. 3 E.

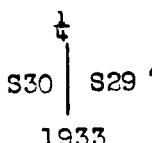
Chains

Land, broken and mountainous, with a general southwesterly exposure and drainage.
Soil, shallow sand and clay loam, mixed with rock; 3rd rate.
Sandstone formation.
Undergrowth, dense tall oak, sage, serviceberry, mahogany, and buck brush.
Timber, scattered and dense juniper, pinon, and fir.
Fair grazing land.

N. $1^{\circ}17'$ W., bet. secs. 29 and 30.

Ascend along W. slope of broken mountainous land, through scattered juniper and pinon timber and dense undergrowth of tall oak, sage, mahogany, serviceberry, and buck brush.

- 10.20 Leave timber and enter sagebrush opening, bears E. and W.
- 10.70 Ridge, 165 ft. above cor., bears S. 80° E. and N. 20° W.; descend NE. slope through dense tall undergrowth, and dense aspen timber, bears with top of ridge.
- 20.10 Leave aspen timber, bears E. and W.
- 21.70 Head of draw, drains NE.; continue descent.
- 26.00 Head of draw, 110 ft. below ridge, drains E.; ascend SW. slope.
- 40.40 Proportionate point; on SW. slope, 125 ft. above head of draw.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Continue on same line with continuous measurement.

- 54.10 Spur, 125 ft. above the $\frac{1}{4}$ seo. cor., projects E.; descend abrupt N. slope.
- 57.00 Enter dense chokecherry and maple, bears E. and W.
- 72.30 Enter dense fir timber, bears E. and SW.
- 75.00 Enter dense aspen timber, bears NW. and SE.
- 76.20 From this point, a small spring of good water, bears West, 1.73 chs. dist.
- 77.00 Leave aspen timber, bears E. and W.
- 80.80 Proportionate point; on N. slope, 490 ft. below spur.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T22S	R3E
S19	S20
S30	S29

1933

from which

A balsam, 18 ins. diam., bears N. 18° E., 28 lks. dist., marked T22S R3E S20 BT.

A balsam, 8 ins. diam., bears S. $6^{\circ}45'$ E., 36 lks. dist., marked T22S R3E S29 BT.

A balsam, 20 ins. diam., bears S. $53^{\circ}15'$ W., 26 lks. dist., marked T22S R3E S30 BT.

A balsam, 16 ins. diam., bears N. $80^{\circ}45'$ W., 24 lks. dist., marked T22S R3E S19 BT..

Land, broken and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate. Sandstone formation.

Undergrowth, dense tall oak, sage, serviceberry, choke-cherry, maple, and buck brush.

Timber, dense aspen, fir, juniper and pinon, on portions of mile.

Fair grazing land.

From the cor. of secs. 20, 21, 28, and 29.

N. $89^{\circ}34'$ W., bet. secs. 20 and 29.

Descend abrupt W. slope of high mountainous land, through dense tall undergrowth of oak, sage, serviceberry, and buck brush.

19.00 Trail, bears NE. and SW.

19.80 Bottom of canyon, 640 ft. below cor., drains NE.; ascend abrupt E. slope through scattered undergrowth and scattered juniper and pinon timber.

35.30 Leave timber and enter dense tall undergrowth, bears N., and S.

39.71 Proportionate point; on steep E. slope, 640 ft. above canyon.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for sec. cor., with brass cap marked

S20

S29

1933

deposit a

sandstone, 8 x 6 x 6 ins., at base of post, marked X.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains	Continue on same line with continuous measurement.
46.90	Spur, 240 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend gradually along N. slope.
63.30	Enter dense aspen, bears N. and S.
65.20	Head of draw, 50 ft. below spur, drains N.; ascend NE. slope.
65.50	Leave aspen, bears N. and S.
71.30	Spur, 115 ft. above head of draw, projects N.; descend W. slope.
73.60	Draw, 30 ft. below spur, drains N.; ascend NE. slope through scattered fir timber.
.79.42	The cor. of secs. 19, 20, 29, and 30, 115 ft. above draw. Land, broken and mountainous with a general northeasterly exposure and drainage. Soil, shallow clay and sand loam, mixed with rock; 3rd rate. Sand and limestone formation. Undergrowth, dense tall oak, sage, serviceberry, and buck brush. Timber, scattered fir and dense aspen on portion of mile. Fair grazing land.

From the cor. of secs. 19 and 30, on the W. bdy. of the township, heretofore described.

S. $87^{\circ}10'$ E., bet. secs. 19 and 30.

Ascend gradually over NW. slope of high mountainous land, through scattered fir timber and dense undergrowth of oak, sage, serviceberry, and buck brush.

12.80	Top of ascent, 330 ft. above cor., bears NE. and SW.; descend gradually along N. slope.
36.00	Enter scattered aspen timber, bears N. and S.
38.81	Proportionate point; on N. slope, 45 ft. below top of ascent. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

819
 $\frac{1}{4}$ _____
S30
1933
from which

An aspen, 6 ins. diam., bears S. $58^{\circ}45'$ W., 78 lks.
dist., marked $\frac{1}{4}$ S30 BT.

An aspen, 5 ins. diam., bears N. $83^{\circ}15'$ W., 132 lks.
dist., marked $\frac{1}{4}$ S19 BT.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

Continue on same line with continuous measurement.

- 39.80 Draw, 10 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° W.; leave aspen timber and ascend abrupt SW. slope through dense undergrowth.
- 55.80 Ridge, 325 ft. above draw, bears N. 35° W. and S. 35° E.; descend abrupt NE. slope through dense undergrowth and scattered fir timber.
- 67.80 Slope changes from an abrupt NE. slope to a gradual N. slope.
- 78.41 The cor. of secs. 19, 20, 29, and 30, 305 ft. below ridge.
- Land, high and mountainous, with a general northerly and northwesterly exposure and drainage.
- Soil, shallow sand and clay loam, mixed with rock; 3rd rate.
- Sand and limestone formation.
- Undergrowth, dense tall oak, sage, serviceberry, and buck brush.
- Timber, scattered fir and aspen, on portion of mile.
- Fair grazing land.

N. $0^{\circ}56'$ W., bet. secs. 19 and 20.

Descend abrupt "E. slope of high mountainous land, through dense undergrowth of oak, sage, serviceberry, and buck brush, and fir timber.

- 1.80 Timber becomes scattered, bears E. and W.
- 15.30 Slope changes from an abrupt NE. slope to an abrupt N. slope.
- 25.10 Draw, 680 ft. below cor., drains NE.; ascend gradual SE. slope.
- 29.70 Top of ascent, 30 ft. above draw, bears NE. and SW.; descend gradual NE. slope.
- 40.395 Proportionate point; on NE. slope, 100 ft. below top of ascent.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brace cap marked

$\frac{1}{4}$
S19 | S20
1933

from which

A point on a stationary sandstone boulder, 4 x 3 x 2 ft. above ground, marked X BO, bears West, 3 lks. dist.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

No suitable bearing trees available.

DEPENDENT RESURVEY SUBDIVISION, T. 23 S., R. 3 E.

Chains

Continue on same line with continuous measurement.

60.592 Proportionate point; on abrupt NE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 38 ins. in the ground, for the N. 1/16 sec. cor. secs. 19 and 20, with brass cap marked

N 1/16

S19	S20
-----	-----

1933

from which

A Douglas fir, 10 ins. diam., bears S. $69^{\circ}15'$ E., 110 lks. dist., marked N 1/16 S20 BT.

A Douglas fir, 18 ins. diam., bears N. $60^{\circ}15'$ W., 53 lks. dist., marked N 1/16 S19 BT.

60.80 Fir timber becomes dense, bears E. and W.

66.00 Salina Creek in bottom of Salina Canyon, stream, 15 lks. wide, 3 ins. deep, 600 ft. below the $\frac{1}{4}$ sec. cor., flows N. $63^{\circ}30'$ W.; ascend broken S. slope through scattered juniper and pinon timber.

69.85 Center of the tracks of the Denver and Rio Grande Western Railroad, bears N. $63^{\circ}30'$ W. and S. $63^{\circ}30'$ E.

70.97 Telephone line, bears N. $63^{\circ}30'$ W. to Salina, Utah, and S. $63^{\circ}30'$ E. to the Mountain Ranch Ranger Station.

71.00 State Highway, bears N. $63^{\circ}30'$ W. to Salina, Utah, and S. $63^{\circ}30'$ E. to Emery, Utah.

80.73 Proportionate point; on S. slope, 330 ft. above Salina Creek

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, with brass cap marked

T23S	R3E
S18	S17

S19	S20
-----	-----

1933

from which

A juniper, 8 ins. diam., bears S. $7^{\circ}45'$ E., 89 lks. dist., marked T23S R3E S20 BT.

A juniper, 5 ins. diam., bears S. $18^{\circ}45'$ W., 33 lks. dist., marked BT.

A pinon, 10 ins. diam., bears W. 47° W., 142 lks. dist., marked T23S R3E S18 BT.

No bearing tree in sec. 17 available.

Land, broken and mountainous, with a general northerly and southerly exposure and drainage into Salina Creek.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate Sand and limestone formation.

100

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains	
	Undergrowth, dense oak, serviceberry, sage, and buck brush.
	Timber, dense fir and scattered juniper and pinon on portions of mile.
	Fair grazing land.
	From the cor. of secs. 16, 17, 20, and 21.
	N. $89^{\circ}35'$ W., bet. secs. 17 and 20.
	Ascend abrupt E. slope, of broken mountainous land, through dense juniper and pinon timber, and undergrowth of dense mahogany, serviceberry, sage, and buck brush.
3.80	Ridge, 65 ft. above cor., bears N. 30° E. and S. 30° W.; descend abrupt W. slope.
19.95	On general W. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{16}$ sec. cor. secs. 17 and 20, with brass cap marked
	$\frac{S17}{E\ 1/16\ S20}$
	1933
	from which
	A juniper, 10 ins. diam., bears S. $18^{\circ}15'$ E., 42 lks. dist., marked E $1/16$ S20 BT.
	A juniper, 14 ins. diam., bears N. 20° W., 5 lks. dist., marked E $1/16$ S17 BT.
	Continue abrupt descent over general W. slope.
38.80	Draw, 890 ft. below ridge, drains S. 30° W.; ascend steep SE. slope.
39.90	On steep SE. slope, 20 ft. above draw. Proportionate point. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S17}{\frac{1}{4}\ S20}$
	1933
	from which
	A pinon, 9 ins. diam., bears N. $32^{\circ}45'$ E., 22 lks. dist., marked $\frac{1}{4}$ S17 BT.
	A juniper, 7 ins. diam., bears S. $16^{\circ}15'$ E., 75 lks. dist., marked $\frac{1}{4}$ S20 BT.
	Continue on same line with continuous measurement.
54.20	Spur, 550 ft. above the $\frac{1}{4}$ sec. cor., projects S. 10° E.; descend abrupt W. slope.
59.85	On abrupt W. slope.

DEPENDENT RESURVEY, SUBDIVISION, T. 22 S., R. 3 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for W. 1/16 sec. cor. secs. 17 and 20, with brass cap marked

S17

W 1/16

S20

1933

from which

A pinon, 5 ins. diam., bears S. $56^{\circ}45'$ E., 27 lks.
dist., marked W 1/16 S20 BT.

A pinon, 10 ins. diam., bears N. $36^{\circ}15'$ W., 20 lks.
dist., marked W 1/16 S17 BT.

61.30 Draw, 375 ft. below spur, drains S., and heads N., 4.00 chs. dist.; ascend abrupt SE. slope.

72.20 Spur, 130 ft. above draw, projects S.; descend along S. slope.

79.80 The cor. of secs. 17, 18, 19, and 20, 50 ft. below spur.

Land, broken and mountainous, with a general southerly exposure and drainage.

Soil, shallow loose sand and clay loam, mixed with rock;
3rd rate.
Sandstone formation.

Undergrowth, dense mahogany, sage, serviceberry, and buck brush.

Timber, dense juniper and pinon.

Poor grazing land.

From the cor. of secs. 18 and 19, on the W. bdy. of the township, heretofore described.

S. $88^{\circ}39'$ E., bet. secs. 18 and 19.

Descend abrupt NE. slope of broken mountainous land, through dense undergrowth of oak, sage, serviceberry, and buck brush, and scattered juniper and pinon timber.

26.00 Draw, 710 ft. below cor., drains N.; ascend NW. slope.

35.80 Spur, 200 ft. above draw, projects N. 10° E.; descend abrupt NE. slope.

38.86 Proportionate point; on steep NE. slope, 160 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S18

4

S19

1933

from which

A pinon, 3 ins. diam., bears S. 70° W., 15 lks.
dist., marked BT.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- A pinon, 8 ins. diam., bears N. 52° W., 24 lks.
dist., marked $\frac{1}{4}$ S18 BT.
- 61.00 Top of SW. bank of Salina Creek, bears N. 60° W. and S. 60° E.
- 61.90 Salina Creek in bottom of Salina Canyon, stream, 15 lks. wide, 6 ins. deep, 485 ft. below the $\frac{1}{4}$ sec. cor., flows N. 60° W.; ascend broken SW. slope.
- 62.60 Top of NE. bank Salina Creek, bears N. 60° W. and S. 60° E.
- 63.80 Center of tracks of the Denver and Rio Grande Western Railroad, bears N. 60° W. to Salina, Utah, and S. 60° E. to Coal Mine in sec. 20.
- 65.80 State Highway, bears N. 60° W. to Salina, Utah, and S. 60° E. to Emery, Utah.
- 66.50 Telephone line, bears N. 60° W. and S. 60° E.
- 66.60 Begin more abrupt ascent over ledgy SW. slope, through dense juniper and pinon timber.
- 78.82 The cor. of secs. 17, 18, 19, and 20, 310 ft. above Salina, Creek.

Land, W. portion of mile is high and mountainous, with a general northeasterly exposure and drainage into Salina Creek; E. portion of mile is high and mountainous, with a general southwesterly exposure and drainage into Salina Creek.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate. Sandstone formation.

Undergrowth, dense oak, sage, serviceberry, and buck brush.

Timber, scattered and dense juniper and pinon.

Fair grazing land.

N. 0°32' W., bet. secs. 17 and 18.

Ascend abruptly over ledgy SW. slope of high mountainous land, through dense juniper and pinon timber, and scattered undergrowth of oak, serviceberry, sage, and buck brush.

- 18.40 Spur, 710 ft. above cor., projects S. 75° W.; descend abrupt broken NW. slope.
- 26.80 Draw, 160 ft. below spur, drains W.; ascend abrupt broken SW. slope.
- 40.39 Proportionate point; 280 ft. above draw, on ledgy SW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in mound of stone, in crevice of ledge, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S18 | S17

1933

from which

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

A pinon, 20 ins. diam., bears S. $70^{\circ}15'$ E., 46 lks.
dist., marked $\frac{1}{4}$ S17 BT.

A pinon, 20 ins. diam., bears S. $23^{\circ}45'$ W., 48 lks.
dist., marked $\frac{1}{4}$ S18 BT.

Continue on same line with continuous measurement.

45.80 Spur, 105 ft. above the $\frac{1}{4}$ sec. cor., projects W.; descend
abrupt NW. slope.

78.90 Bottom of Coal Hollow, 710 ft. below spur, drains
S. 60° W.; ascend rocky S. slope.

80.78 Proportionate point; on rocky S. slope, 100 ft. above
bottom of Coal Hollow.

Set an iron post, 3 ft. long, 2 ins. diam., 38 ins. in the
ground, for cor. of secs. 7, 8, 17, and 18, with brass
cap marked

T22S	R3E
S7	S8
S18	S17

1933

from which

A pinon, 18 ins. diam., bears N. $51^{\circ}45'$ E., 107 lks.
dist., marked T22S R3E S8 BT.

A pinon, 22 ins. diam., bears S. $73^{\circ}30'$ E., 67 lks.
dist., marked T22S R3E S17 BT.

A juniper, 10 ins. diam., bears S. $47^{\circ}45'$ W., 29 lks.
dist., marked T22S R3E S18 BT.

A juniper, 15 ins. diam., bears N. $69^{\circ}15'$ W., 45 lks.
dist., marked T22S R3E S7 BT..

Land, broken and mountainous, with a general southwesterly
exposure and drainage into Salina Creek on S. portion of
mile, and a general northwesterly exposure and drainage
into Coal Hollow on N. portion of mile.

Soil, shallow clay and sand loam, mixed with rock; 3rd
rate.

Sandstone formation.

Undergrowth, scattered oak, sage, serviceberry, and buck
brush.

Timber, dense juniper and pinon.

Fair grazing land.

From the cor. of secs. 8, 9, 16, and 17.

N. $89^{\circ}35'$ W., bet. secs. 8 and 17.

Descend gradually over broken NW. slope of high mountainous
land, through dense undergrowth of oak, sage, service-
berry, chokecherry, maple, and buck brush.

17.50 Descent becomes abrupt, bears NE. and SW.

DEPENDENT RESURVEY SUBDIVISION, T. 32 S., R. 3 E.

Chains	
40.495	Proportionate point; on NW. slope, 570 ft. below sec. cor. Set an iron post, 3 ft. long; 1' in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S8 <hr/> $\frac{1}{4}$ S17
	1933
	raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor. Continue on same line with continuous measurement. Continue descent over NW. slope.
45.40	Small swale, drains N.; continue descent.
68.00	Small draw, drains N.; continue descent.
79.10	Bottom of Coal Hollow, 440 ft. below the $\frac{1}{4}$ sec. cor., drains S. 70° W.; ascend along rocky S. slope through dense juniper and pinon timber.
80.99	The cor. of secs. 7, 8, 17, and 18, 90 ft. above bottom of Coal Hollow. Land, broken and mountainous, with a general northwesterly exposure and drainage into Coal Hollow. Soil, shallow clay and sand loam, mixed with rock; 3rd rate. Sand and limestone formation. Undergrowth, dense oak, sage, serviceberry, chokecherry, maple, and buck brush. Timber, dense juniper and pinon, on W. portion of mile. Fair grazing land.
	From the true point for the cor. of secs. 7 and 18, on the W. bdy. of the township, which is S. $1^\circ 15'$ E., 71 lks. dist. from the witness cor. to the cor. of said secs. N. $89^\circ 50'$ E., bet. secs. 7 and 18. Ascend abruptly from bottom of Coal Hollow, over broken SW. slope of high mountainous land, through dense juniper and pinon timber and undergrowth of oak, sage, mahogany, and serviceberry brush.
0.80	Road, bears NW. to the State Highway, and SE. to coal prospects in Coal Hollow.
39.075	Proportionate point; on broken SW. slope, 905 ft. above point for sec. cor. Set an iron post, 3 ft. long, 1' in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S7 <hr/> $\frac{1}{4}$ S18
	1933

DEPENDENT RESURVEY SUBDIVISION, T. 83 S., R. 3 E.

Chains

from which

A pinon, 14 ins. diam., bears S. 80° W., 21 lks.
dist., marked $\frac{1}{4}$ S19 FT.

A pinon, 16 ins. diam., bears N. 23° W., 7 lks.
dist., marked $\frac{1}{4}$ S7 FT.

Continue on same line with continuous measurement.

43.90 Slope changes from an abrupt SW. slope to an abrupt S. slope.

53.20 Top of ascent on S. slope, 160 ft. above the $\frac{1}{4}$ sec. cor. bears NE. and SW.; descend abruptly over broken SE. and S. slopes.

73.37 The cor. of secs. 7, 3, 17, and 18, 390 ft. below top of ascent.

Land, broken and mountainous, with a general southerly and southwesterly exposure and drainage.

Soil, shallow loose clay and sand loam, mixed with rock; friable.

Sandstone formation.

Undergrowth, dense oak, sage, serviceberry, mahogany, and buck brush.

Timber, dense juniper and pinon.

Fair grazing land.

N. $0^{\circ}07'$ E., bet. secs. 7 and 8.

Ascend abrupt S. slope of high mountainous land, through dense juniper and pinon timber and undergrowth of oak, sage, mahogany, serviceberry, and buck brush.

5.70 Top of sandstone ledge, 30 ft. high, bears N. 75° E. and W.

11.30 Slope changes from an abrupt S. slope to a gradual SE. slope.

23.30 Ascent becomes abrupt, bears NE. and SW.

33.00 Spur, 835 ft. above cor., projects SW.; leave timber and descend gradually over NW. slope through dense undergrowth.

43.39 Proportionate point; on NW. slope, 55 ft. below spur.

Set an iron post, 7 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked .

t	
87.	88
1933	

raise a mound
of stone, 3 ft. base, 2 ft. high, W. of cor.

Continue on sage line with continuous measurement.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains

- 41.20 Trail, bears NE. and SW.
- 45.10 Slope changes from a NW. slope to a W. slope.
- 54.80 Slope changes from a W. slope to a NW. slope.
- 80.78 On NW. slope, 310 ft. below the $\frac{1}{4}$ sec. cor.
The original cor. of secs. 5, 6, 7, and 8, which is a sandstone, 20 x 9 x 5 ins., firmly set, marked 5 notches on S. and E. edges. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, and in a mound of stone to top, with the original cor. monument alongside, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T22S	R3E
S6	S5
S7	S8

1933

deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked X.

Land, high and mountainous, with a general northwesterly and southerly exposure and drainage.

Soil, shallow loose sand and clay loam, mixed with rock; 3rd rate.

Undergrowth, dense oak; sage; serviceberry, mahogany, and buck brush.

Timber, dense juniper and pinon on S. portion of mile.

Fair grazing land.

From the cor. of secs. 4, 5, 8, and 9.

N. $89^{\circ}43'$ W., bet. secs. 5 and 8.

Descend abrupt NW. slope of high broken mountainous land, through dense undergrowth of oak, serviceberry, maple, and buck brush.

- 13.00 Enter sagebrush opening, bears NE. and SW.
- 13.40 The E. side of draw, bears S. 25° E. and N. 25° W., 245 ft. below cor.; thence across bottom of draw which drains S. 25° E.
- 19.80 The W. side of draw, bears N. 25° W. and S. 25° E.; ascend abrupt SE. slope, through dense undergrowth.
- 40.58 Proportionate point; on SE. slope, 370 ft. above draw.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S5
	S8

1933

DEPENDENT RESURVEY SUBDIVISION, TOWNSHIP R. 3 E.

Chains	raise a mound of stone, 3 ft. base; 2 ft. high, N. of cor. Continue on same line with continuous measurement.
47.20	Ridge, 65 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradually over broken NW. slope through dense undergrowth.
53.50	Enter dense undergrowth of chokecherry brush.
60.00	Leave chokecherry brush; continue through dense undergrowth of oak, sage, serviceberry, maple, and buck brush.
81.16	The cor. of secs. 5, 6, 7, and 8, 435 ft. below ridge. Land, broken and mountainous, with a general northwesterly and southeasterly exposure and drainage. Soil, shallow sand and clay loam, mixed with rock; 3rd rate. Sandstone formation. Undergrowth, dense oak, sage, serviceberry, maple, chokecherry, and buck brush. No timber. Fair grazing land.
	From the cor. of secs. 5 and 7, on the W. bdy. of the township, heretofore described. N. $38^{\circ}40'$ E., bet. secs. 6 and 7. Descend abrupt NE. slope of broken mountainous land, through dense undergrowth of oak and sage brush, and scattered juniper and pinon timber.
2.20	Small stream of good water, 3 lks. wide, 2 ins. deep, on W. side of open draw, flows S. 20° E., 50 ft. below cor. thence across bottom of draw.
7.30	Leave bottom of draw, bears NW. and SE.; ascend gradual SW. slope.
7.60	The S. point of low spur, 10 ft. above draw; thence across bottom of Water Hollow, through dense undergrowth of sage and rabbit brush.
9.08	Barbed wire fence, bears S. 30° E. across bottom of Water Hollow, and N. 30° W., 2.30 chs. dist., thence N.
10.00	Trail, bears NE. and SW.
12.00	Small stream, 2 lks. wide, 2 ins. deep, in wash, 20 lks. wide, 8 ft. deep, in bottom of Water Hollow, flows SW.; continue across bottom lands of Water Hollow.
14.50	Leave bottom land of Water Hollow, bears NE. and SW., and ascend abrupt NW. slope of broken mountainous land, through dense undergrowth of oak, serviceberry, and buck brush, and very scattered juniper and pinon timber.
19.50	Timber becomes dense, bears NE. and SW.
28.30	Top of sandstone ledge, 50 ft. high, bears NE. and SW.

.3 . DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

entries

36.00

Top of abrupt ascent; thence over rolling NW. slope.
Timber becomes scattered, bears NE. and SW.

36.70

Proportionate point; on NW. slope, 870 ft. above Water Hollow.

36.95

Set an iron post, 3 ft. long, 1/4 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} 86 \\ + \quad 1 \\ \hline 87 \end{array}$$

1933

from which

A juniper, 30 ins. diam., bears S. 48° W., 18° lks. dist., marked $\frac{1}{4}$ 87 BT./A juniper, 34 ins. diam., bears N. 13° W., 155 lks. dist., marked $\frac{1}{4}$ 86 BT./

Continue on same line with continuous measurement..

55.80 Spur, 255 ft. above the $\frac{1}{4}$ sec. cor., projects SW.; descend abrupt E. slope.

70.00 Draw, 140 ft. below spur, drains SW.; ascend abrupt NW. slope.

90.52 The cor. of secs. 5, 6, 7, and 8, 120 ft. above draw.

Land, broken and mountainous, with a general northwesterly exposure and drainage.

Soil, shallow sand and clay loam, mixed with rock; 3rd rate.

Sandstone formation.

Undergrowth, dense oak, sage, rabbit, serviceberry, and buck brush.

Timber, scattered and dense juniper and pinon, on portions of mile.

Fair grazing land.

N. 2°04' E., bet. secs. 5 and 6.

Descend gradually over broken NW. slope of high mountainous land, through dense undergrowth of oak, serviceberry, sage, and buck brush, about 12 ft. high.

8.20 Open sagebrush swale near head, 55 ft. below cor., drains SW.; ascend SW. slope, through dense tall undergrowth.

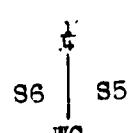
9.50 Spur, 40 ft. above swale, projects S., 75° W. from the E.; descend steep N. and NW. slopes.

33.00 Top of abrupt descent over steep N. slope, bears E. and W.

36.95 Proportionate point; on abrupt N. slope, 530 ft. below spur, and true point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 6, falls on steep clay break, where it is impracticable to set a permanent cor.

Continue on same line with continuous measurement.

DEPENDENT RESURVEY SUBDIVISION, T. 22 S., R. 3 E.

Chains	
37.18	Set an iron post, 3 ft. long, 1 in. diam., 23 ins. in ground to solid rock and in a mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 5 and 6, with brass cap marked
	
	1933
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
43.50	Stream, 10 lks. wide, 3 ins. deep, in bottom of wash, 50 lks. wide, 10 ft. deep, in Water Hollow, 235 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor., flows S. 70° W.; thence across bottom lands of Water Hollow, through dense undergrowth of sage and rabbit brush.
43.90	Leave bottom lands of Water Hollow and ascend abrupt S. slope over ledges and through dense juniper and pinon timber and undergrowth of oak, sage, serviceberry, mahogany, and buck brush; trail at base of ascent, bears E. and W.
53.00	Top of vertical sandstone rim, 50 ft. high, 425 ft. above stream, bears N. 70° E. and S. 70° W.
60.00	Top of ascent at the SW. point of bench spur, 575 ft. above stream, slopes SW.; descend gradually along W. slope
74.31	The cor. of secs. 5 and 6, on the N. bdy. of the township, heretofore described, 40 ft. below top of ascent. Land, broken and mountainous, with a general northwesterly exposure and drainage. Soil, shallow clay, sand, and rock; 3rd rate. Sandstone formation. Undergrowth, dense sage, oak, serviceberry, mahogany, rabbit, and buck brush. Timber, dense juniper and pinon on N. portion of mile. Fair grazing land.
	SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.
	SUBDIVISION OF SECTION 28, T. 22 S., R. 3 E.
	From the $\frac{1}{4}$ sec. cor. secs. 28 and 33, heretofore described N. $0^{\circ}45'$ W., on random line, on N. and S. center line, sec. 28.
40.27	Set temp. center $\frac{1}{4}$ sec. cor. sec. 28.
80.60	Fall $2\frac{1}{2}$ lks. E. of the $\frac{1}{4}$ sec. cor. secs. 21 and 28, heretofore described. The course of this line therefore is, N. $0^{\circ}46'$ W., and the distance is 80.60 chs.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains

- From the $\frac{1}{4}$ sec. cor. secs. 28 and 39, heretofore described.
 S. $89^{\circ}55'$ E., on random line, on E. and W. center line sec. 28.
- 39.73** Fall 8 lks. S. of the temp. center $\frac{1}{4}$ sec. cor. sec. 28.
 Continue on same line with continuous measurement.
- 79.14** Intersect the $\frac{1}{4}$ sec. cor. secs. 27 and 28, heretofore described.
 The course of this line therefore is N. $89^{\circ}55'$ W., and the distance is 79.14 chs.
 Thence:
- From the $\frac{1}{4}$ sec. cor. secs. 28 and 33.
 N. $0^{\circ}46'$ W., on true line on N. and S. center line sec. 28.
 Descend gradually over broken NE. slope of high mountainous land, through dense undergrowth of tall oak, sage, serviceberry, and buck brush.
- 15.80** Draw, 70 ft. below cor., drains E.; ascend gradually along E. slope.
- 38.60** Top of ascent on E. slope, 90 ft. above draw, bears E. and W.; descend gradually over W. slope.
- 40.25** On gradual W. slope, 10 ft. below top of ascent.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for center $\frac{1}{4}$ sec. cor. sec. 29; with brass cap marked

at S28

1933

- raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- 42.60** Draw, 10 ft. below cor., drains NE.; ascend gradual SE. slope.
- 45.60** Top of ascent, 30 ft. above draw, bears E. and W.; descend gradual NE. slope.
- 54.60** Draw, 85 ft. below top of ascent, drains NE., 6.00 chs. dist., thence N. 15° E.; ascend gradual SE. slope.
- 60.30** Top of ascent, 20 ft. above draw, bears E. and W.; descend gradually along E. slope.
- 80.60** The $\frac{1}{4}$ sec. cor. secs. 21 and 28, 90 ft. below top of ascent.
 Land, broken and mountainous, with a general easterly exposure and drainage.
 Soil, shallow clay and sand loam, mixed with rock; 3rd rate.
 Sand and limestone formation.

SUBDIVISION OF SECTION SURVEYS, T. 23 S., R. 3 E.

Chains	<p>Undergrowth, dense tall oak, sage, serviceberry, and buck brush.</p> <p>No timber.</p> <p>Fair grazing land.</p>
	<p>From the $\frac{1}{4}$ sec. cor. secs. 27 and 28.</p> <p>N. $89^{\circ}55'$ W., on true line, on E. and W. center line sec. 23.</p> <p>Ascend gradually over rolling E. slope of bench land, across grassy meadow.</p>
19.00	Fence, bears N. and S.
20.00	Leave meadow and enter scattered undergrowth of sagebrush bears N. and S.
38.50	Base of abrupt ascent over steep E. slope of high mountainous land, through dense undergrowth of tall oak, serviceberry, sage, and buck brush, bears N. and S.
39.42	The center $\frac{1}{4}$ sec. cor. sec. 28, 320 ft. above the $\frac{1}{4}$ sec. cor.
76.60	Ridge, 955 ft. above the center $\frac{1}{4}$ sec. cor., bears N. and S.; descend abrupt W. slope.
76.85	Net wire fence, bears N. and S.
79.14	The $\frac{1}{4}$ sec. cor. secs. 28 and 29, 30 ft. below top of ridge.
	<p>Land, E. portion of mile is rolling bench, with a general easterly exposure and drainage; west part of mile is high and mountainous, with a general easterly and westerly exposure and drainage.</p> <p>Soil, shallow clay and sand loam, mixed with rock; 3rd rate.</p> <p>Sandstone and volcanic formation.</p>
	<p>Undergrowth, scattered and dense oak, sage, serviceberry, and buck brush.</p> <p>Timber, a few scattered scrub juniper and pinon.</p> <p>Fair grazing land.</p>
	SUBDIVISION OF SECTION 21, T. 23 S., R. 3 E.
	<p>From the $\frac{1}{4}$ sec. cor. secs. 21 and 28.</p> <p>N. $0^{\circ}15'$ W., on random line, on N. and S. center line sec. 21.</p>
40.30	Set temp. center $\frac{1}{4}$ sec. cor. sec. 21.
60.50	Set temp. center N. $1/16$ sec. cor. sec. 21.
80.71	Fall 5 lks. E. of the $\frac{1}{4}$ sec. cor. secs. 16 and 21, heretofore described.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains

The course of this line therefore is, N. $0^{\circ}17'$ W., and the distance is 80.71 chs.

From the $\frac{1}{4}$ sec. cor. secs. 20 and 21, heretofore described.

S. $89^{\circ}46'$ E., on random line, on E. and W. center line sec. 21.

20.00 Set temp. center W. 1/16 sec. cor. sec. 21.

40.125 Fall 6 lks. N. of the temp. center $\frac{1}{4}$ sec. cor. sec. 21.

Continue on same line with continuous measurement.

79.89 Intersect the $\frac{1}{4}$ sec. cor. secs. 21 and 22, heretofore described.

The course of this line therefore is N. $39^{\circ}46'$ W., and the distance is 79.82 chs.

Thence:

From the $\frac{1}{4}$ sec. cor. secs. 21 and 28.

N. $0^{\circ}17'$ W., on true line, on N. and S. center line sec. 21.

Ascend gradually along broken E. slope of rough mountainous land, through scattered juniper and pinon timber, and under growth of dense oak, sage, serviceberry, and buck brush.

20.70 Top of ascent, 80' ft. above cor., slopes E.; descend gradually over broken NE. slope.

30.70 Fence, bears N. 75° E. and S. 75° W.

39.86 On S. side of Salina Creek.

Set an iron post, 3 ft. long, 1 in. diam., 1 ins. in the ground, for witness cor. to the center $\frac{1}{4}$ sec. cor. sec. 21, with brass cap marked

WC
C $\frac{1}{4}$ S21

1933

from which

A juniper, 6 ins. diam., bears S. $79^{\circ}15'$ E., 13 lks. dist., marked WC C $\frac{1}{4}$ S21 PT.

A juniper, 5 ins. diam., bears S. $60^{\circ}45'$ W., 72 lks. dist., marked WC C $\frac{1}{4}$ S21 PT.

40.36 True point for the center $\frac{1}{4}$ sec. cor. falls in bottom of Salina Creek, where it is impossible to set a permanent cor. Creek at this point is a stream, 15 lks. wide, 6 ins. deep, in bottom of Salina Canyon, 360 ft. below top of ascent, flows N. 70° W.; ascend gradually over ledgy E. slope.

41.70 State Highway, bears N. 75° E. to Emery, Utah, and W. to Salina, Utah.

45.45 One wire telephone line, bears N. 65° E. to the Mountain Ranch Ranger Station, and S. 65° W. to Salina, Utah.

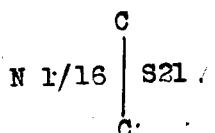
SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Bridger

Chains

60.535 On steep rocky E. slope, 300 ft. above base of smoke stack.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a mound of stone to top, for center N. 1/16 sec. cor. sec. 21, with brass cap marked



1933

from which

A juniper, 5 ins. diam., bears N. 61°15' E., 54 lks. dist., marked CN 1/16 S21 BT.

A juniper, 5 ins. diam., bears N. 64° W., 35 rks. dist., marked CN 1/16 S21 BT.

From this cor., the smoke stack at an abandoned coal mine, bears S. 62°33' E., 10.09 chs. dist.

The SW. cor. of a frame house, size 30 x 14 ft., bears S. 73°53' E., 3.13 chs. dist.

The center of a house alongside the State Highway, bears S. 71°22' E., 17.93 chs. dist.

The center of a house alongside the State Highway, bears S. 70°37' E., 17.79 chs. dist.

The center of a house alongside the State Highway, bears S. 69°50' E., 17.87 chs. dist.

Thence continue gradual ascent along steep E. slope.

73.70 Top of ascent on E. slope, 185 ft. above the center N. 1/16 sec. cor., bears E. and W.; descend gradually along E. slope.

30.71 The $\frac{1}{4}$ sec. cor. secs. 16 and 21, 5 ft. below top of ascent Land, broken and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate.

Sand and limestone formation.

Undergrowth, dense oak, sage, serviceberry, and buck brush.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

From the $\frac{1}{4}$ sec. cor. secs. 21 and 22.

N. 89°46' W., on true line, on E. and W. center line sec. 21.

Along general S. side of the bottom of Salina Canyon, through scattered juniper and pinon timber, and undergrowth of dense oak, sage, serviceberry, mahogany, and buck brush.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains

- 7.60 The SW. end of an earth and rock dam across Salina Creek, bears N. 21° W., 8.40 chs. dist.; center line of dam, bears N. 61° E.
 9.90 Small spur, projects N.
 12.30 Unimproved road, bears N. to the State Highway, and S. to the ranch of the Manti Livestock Company.
 13.40 Niocene Creek, 10 lks. wide, 3 ins. deep, flows N. 15° W.; dense growth of willows along banks of creek.
 14.80 Pole fence, bears N. 70° E. and S. 70° W.
 16.30 Unimproved road, bears N. to State Highway, and S. to the ranch of the Manti Livestock Company.
 21.90 Spur, projects N.; descend gradually along steep N. slope.
 26.30 Salina Creek in bottom of Salina Canyon, stream, 15 lks. wide, 6 ins. deep, flows SW.; thence along N. side of creek.
 39.79 The true point for the center $\frac{1}{4}$ sec. cor. sec. 21, in bottom of Salina Creek, drains W.; thence along bottom of creek.
 53.20 Leave bottom of Salina Creek, flows N. 75° W.; thence along S. side of creek.
 60.01 On S. side of creek, on surface rock, mark a cross X, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for center W. $1/16$ sec. cor. sec. 21, with brass cap marked

W $1/16$
C — C
S21

1933

from which

A juniper, 12 ins. diam., bears N. $74^{\circ}15'$ W., 63 lks. dist., marked CW $1/16$ S21 BT.

A pinon, 4 ins. diam., bears S. $74^{\circ}45'$ E., 56 lks. dist., marked CW $1/16$ S21 BT.

Thence ascend gradually along steep N. slope.

62.00 Top of ascent on N. slope, bears N. and S.; descend gradually along N. slope.

79.39 The $\frac{1}{4}$ sec. cor. secs. 20 and 21.

Land, mountainous, with a general northerly and southerly exposure and drainage into Salina Creek, which drains westerly.

Soil, shallow sand and clay loam, mixed with rock; 3rd rate.

Sand and limestone formation.

Undergrowth, dense oak, sage, serviceberry, mahogany, and buck brush.

Timber, scattered juniper and pinon.

Fair grazing land.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains

SUBDIVISION OF THE NW $\frac{1}{4}$, SEC. 31, T. 22 S., R. 3 E.

From the center W. 1/16 sec. cor. sec. 21.

N. $0^{\circ}28'$ W., on random line, on N. and S. center line of the NW $\frac{1}{4}$ sec. 21.

20.20 Set temp. NW. 1/16 sec. cor. sec. 21.

40.37 Fall 5 lks. W. of the W. 1/16 sec. cor. of secs. 15 and 21, heretofore described.

The course of this line therefore is, N. $0^{\circ}34'$ W., and the distance is 40.37 chs.

From the N. 1/16 sec. cor. secs. 20 and 21, heretofore described.

S. $89^{\circ}44'$ E., on random line, on E. and W. center line of the NW $\frac{1}{4}$ sec. 21.

19.905 Fall 1 lk. S. of the temp. NW. 1/16 sec. cor. sec. 21.

40.21 Intersect the center N. 1/16 sec. cor. sec. 21.

The course of this line therefore is, N. $89^{\circ}44'$ W., and the distance is 40.21 chs.

Thence:

From the center W. 1/16 sec. cor. sec. 21.

N. $0^{\circ}24'$ W., on true line, on N. and S. center line of the NW $\frac{1}{4}$ sec. 21.

Descend abrupt N. slope of broken mountainous land, through dense undergrowth of oak, sage, serviceberry, and buck brush.

2.61 Salina Creek in bottom of Salina Canyon, stream, 15 lks. wide, 6 ins. deep, flows N. 80° W.; ascend abrupt S. slope through dense pinon and juniper timber and undergrowth of oak, sage, serviceberry, mahogany, and buck brush.

3.75 State Highway, bears N. 80° W. to Salina, Utah, and S. 80° E. to Emery, Utah.

6.20 Telephone line, bears N. 80° W. to Salina, Utah, and S. 80° E. to the Mountain Ranch Ranger Station.

16.00 Slope changes from an abrupt S. slope to an abrupt SW. slope.

20.19 On abrupt SW. slope, 685 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for NW. 1/16 sec. cor. sec. 21, with brass cap marked

NW 1/16 S21

1933

.
from which
. final authority

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains

A juniper, 30 ins. diam., bears S. 86° E., 30 lks.
dist., marked NW 1/16 S21 BT.✓

A pinon, 15 ins. diam., bears N. $89^{\circ}45'$ W., 98 lks.
dist., marked NW 1/16 S21 BT..

Continue on same line with continuous measurement.

26.00 Enter dense undergrowth of mahogany, bears E. and W.

40.37 The W. 1/16 sec. cor. secs. 16 and 21, 330 ft. above the
NW. 1/16 sec. cor.

Land, broken and mountainous, with a general northerly and
southwesterly exposure and drainage into Salina Creek,
which drains westerly.

Soil, shallow clay and sand loam, mixed with rock; 3rd
rate.

Sandstone formation.

Undergrowth, dense oak, sage, serviceberry, mahogany,
and buck brush.

Timber, dense juniper and pinon.

Fair grazing land.

From the center N. 1/16 sec. cor. sec. 21.

N. $89^{\circ}44'$ W., on true line, on E. and W. center line of
the NW₄ sec. 21.

Ascend abrupt E. slope of high mountainous land, through
dense undergrowth of oak, sage, serviceberry, mahogany,
and buck brush, and scattered juniper and pinon timber.

11.30 Spur, 400 ft. above cor., projects S.; descend abrupt SW.
slope.

20.28 The NW. 1/16 sec. cor. sec. 21.

27.10 Draw, 300 ft. below spur, drains SE.; ascend abrupt
ledgy SE. slope.

40.21 The N. 1/16 sec. cor. secs. 20 and 21, 360 ft. above draw.

Land, broken and mountainous, with a general easterly
and southerly exposure and drainage.

Soil, shallow loose sand, clay, and rock; 3rd rate.
Sandstone formation.

Undergrowth, dense oak, sage, serviceberry, mahogany,
and buck brush.

Timber, scattered juniper and pinon.

Fair grazing land.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains	SUBDIVISION OF SECTION 29, T. 22 S., R. 3 E. From the $\frac{1}{4}$ sec. cor. secs. 29 and 32, heretofore described N. $1^{\circ}03'$ W., on random line, on N. and S. center line sec. 29.
40.36	Set temp. center $\frac{1}{4}$ sec. cor. sec. 29.
80.77	Fall 7 lks. E. of the $\frac{1}{4}$ sec. cor. secs. 20 and 29, here- tofore described. The course of this mile therefore is, N. $1^{\circ}06'$ W., and the distance is 80.77 chs.
	From the $\frac{1}{4}$ sec. cor. secs. 29 and 30, heretofore described S. $89^{\circ}36'$ E., on random line, on E. and W. center line sec. 29.
39.615	Intersect the temp. center $\frac{1}{4}$ sec. cor. sec. 29.
79.32	Intersect the $\frac{1}{4}$ sec. cor. secs. 28 and 29, heretofore described. The course of this mile therefore is, N. $89^{\circ}36'$ W., and the distance is 79.32 chs.
	Thence: From the $\frac{1}{4}$ sec. cor. secs. 29 and 32. N. $1^{\circ}06'$ W., on true line, on N. and S. center line sec. 29.
	Descend abrupt N. slope of high mountainous land, through dense aspen timber and undergrowth of oak, sage, service- berry, and buck brush.
8.00	Leave aspen, bears NW. and SE.
10.00	Draw, 180 ft. below the $\frac{1}{4}$ sec. cor., drains W.; ascend gradual S. slope.
14.00	Small spur, 50 ft. above draw, projects W., 5.00 chs. dist.; descend gradually along W. slope.
22.57	Trail, bears N. 30° E. and S. 30° W.
26.80	Draw, 220 ft. below spur, drains N. 30° E.; thence along steep E. slope.
40.36	On steep E. slope. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for center $\frac{1}{4}$ sec. cor. sec. 29, with brass cap marked
	C $\frac{1}{4}$ S29 1933
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Continue on same line with continuous measurement.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

CHAINS

- 43.10 Small gulch, drains E., 8.00 chs. dist. to junction with main draw draining N. 30° E.
- 48.65 Top of ascent on E. slope, bears E. and W.; descend gradually along E. slope.
- 55.90 Small gulch, drains E.; ascend gradually along E. slope, through scattered juniper and pinon timber, and dense undergrowth of oak and mahogany.
- 60.77 The $\frac{1}{4}$ sec. cor. secs. 20 and 29.
Land, high and mountainous, with a general northeasterly and easterly exposure and drainage.
Soil, shallow sand and clay loam, mixed with rock; 3rd rate.
Sand and limestone formation.
Undergrowth, dense oak, sage, serviceberry, mahogany, and buck brush.
Timber, dense aspen on S. portion of mile and scattered juniper and pinon on N. portion of mile.
Fair grazing land.
-
- From the $\frac{1}{4}$ sec. cor. secs. 28 and 29.
W. 89°30' W., on true line, on E. and W. center line sec. 29.
Descend abrupt W. slope of high mountainous land, through dense undergrowth of oak, sage, serviceberry, and buck brush.
- 34.50 Bottom of main draw, 825 ft. below the $\frac{1}{4}$ sec. cor., drains N. 30° E.; ascend abrupt E. slope.
- 34.60 Trail, bears N. 30° E., and S. 30° W.
- 39.64 The center $\frac{1}{4}$ sec. cor. sec. 29, 160 ft. above draw.
Continue on same line with continuous measurement.
- 79.22 The $\frac{1}{4}$ sec. cor. secs. 29 and 30, 820 ft. above the center $\frac{1}{4}$ sec. cor.
Land, high and mountainous, with a general easterly and westerly exposure and drainage.
Soil, shallow clay and sand loam, mixed with rock; 3rd rate.
Sand and limestone formation.
Undergrowth, dense oak, sage, serviceberry, and buck brush.
Fair grazing land.
-
- SUBDIVISION OF SECTION 20, T. 22 S., R. 3 E.
- From the $\frac{1}{4}$ sec. cor. secs. 20 and 29.
W. 0°47' W., on random line, on N. and S. center line sec. 20.
Set temp. center $\frac{1}{4}$ sec. cor.

SUBDIVISION OF SECTION SURVEYS, T. 23 S., R. 3 E.

SAC 180

Chains	
60.60	Set temp. center N. 1/16 sec. cor. sec. 20. ^{1/4 sec. cor. sec. 20} 112 lks. dist., marked C 1/4 S20 BT.
80.78	Fall 2½ lks. W. of the ¼ sec. cor. secs. 17 and 20, heretofore described. The course of this mile therefore is, N. 0°46' W., and the distance is 80.78 chs.
	From the ¼ sec. cor. secs. 19 and 20, heretofore described. S. 89°38' E., on random line, on E. and W. center line sec. 20.
19.90	Set temp. center W. 1/16 sec. cor. sec. 20.
39.81	Fall 1 lk. N. of the temp. center ¼ sec. cor. sec. 20.
59.72	Set temp. center E. 1/16 sec. cor. sec. 20.
79.64	Fall 2½ lks. N. of the ¼ sec. cor. secs. 20 and 21. The course of this mile therefore is, N. 89°37' W., and the distance is 79.64 chs.
	Thence:
	From the ¼ sec. cor. secs. 20 and 29. N. 0°46' W., on true line, on N. and S. center line sec. 20.
	Ascend gradually along E. slope of high mountainous land, through very scattered juniper and pinon timber, and dense undergrowth of oak, sage, serviceberry, and buck brush.
6.60	Spur, 35 ft. above the ¼ sec. cor., projects NE.; descend abrupt NW. slope.
32.90	Slope changes from an abrupt NW. slope to an abrupt N. slope.
40.40	On abrupt N. slope, 540 ft. below spur. Set an iron post, 3 ft. long, 1" in. diam., 27 ins. in the ground, for center ¼ sec. cor. sec. 20, with brass cap marked
	C ¼ S20 ✓
	1933
	from which
	A pinon, 8 ins. diam., bears S. 6°15' E., 112 lks. dist., marked C ¼ S20 BT.
	A pinon, 10 ins. diam., bears N. 29°45' W., 50 lks. dist., marked C ¼ S20 BT..
	Continue on same line with continuous measurement.
53.90	Leave timber, bears S. 80° E. and N. 80° W.
54.25	Salina Creek in bottom of Salina Canyon, 750 ft. below the center ¼ sec. cor., which is a stream, 15 lks. wide, 6 ins. deep, flows W.; ascend abrupt S. slope.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains

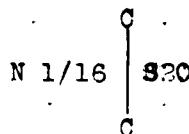
54.85 Center of tracks of the Denver and Rio Grande Railroad, bears N. 82° W. to Salina, Utah, and S. 82° E. to coal mine.

55.50 Telephone line, bears N. 82° W. to Salina, Utah, and S. 82° E. to the Mountain Ranch Ranger Station.

56.75 State Highway, bears N. 82° W. to Salina, Utah, and S. 82° E. to Emery, Utah.

60.59 On a broken S. slope, 130 ft. above Salina Creek.

Set an iron post, 3 ft. long, 1 in. diam., 23 ins. in the ground, for center N. 1/16 sec. cor. sec. 20, with brass cap marked



1933

from which

A juniper, 3 ins. diam., bears S. $42^{\circ}30'$ E., 43 lks. dist., marked CN 1/16 S20 PT.

A juniper, 3 ins. diam., bears S. $71^{\circ}30'$ W., 103 lks. dist., marked CN 1/16 S20 PT.

Continue on same line with continuous measurement.

Ascend abrupt ledgy S. slope, through dense juniper and pinon timber.

64.50 Spur, 340 ft. above Salina Creek, projects SW.; descend gradually along W. slope.

79.00 Draw, 310 ft. below spur, drains SW.; ascend along E. slope.

80.78 The $\frac{1}{4}$ sec. cor. secs. 17 and 20, 10 ft. above draw.

Land, broken and mountainous, with a general northwesterly and southwesterly exposure and drainage into Salina Creek, which drains westerly.

Soil, shallow clay and sand loam, mixed with rock; 3rd rate.

Sandstone formation.

Undergrowth, dense oak, sage, serviceberry, and buck brush.

Timber, dense juniper and pinon on N. portion of mile.

Fair grazing land.

From the $\frac{1}{4}$ sec. cor. secs. 20 and 21.

N. $89^{\circ}37'$ W., on true line; on E. and W. center line sec. 20.

Across the improvements of the Sevier Valley Coal Company.

8.59 From this point, I take the course and distance to the following improvements of the Sevier Valley Coal Company.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains

- The NW. cor. of a frame office building, size 96 x 34 ft., bears S. $23^{\circ}57'$ E., 1.42 chs. dist.
- The NW. cor. of an L shaped boiler house, size 43 x 60 x 33 ft., bears S. $56^{\circ}10'$ E., 3.38 chs. dist.
- The NW. cor. of the coal tipple, size 78 x 18 ft., bears N. $85^{\circ}30'$ E., 3.96 chs..dist.
- The NW. cor. of the hoist house, size 22 x 18 ft., bears S. $82^{\circ}56'$ E., 5.73 chs. dist.
- The SW. cor. of a garage, size 18 x 18 ft., bears N. $66^{\circ}23'$ E., 1.53 chs..dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. 56° E., 2.37 chs. dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. $47^{\circ}03'$ E., 1.27 chs. dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. $37^{\circ}45'$ E., 1.81 chs. dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. $25^{\circ}42'$ E., 1.41 chs. dist.
- The SE. cor. of a house, size 16 x 10 ft., bears N. $19^{\circ}22'$ E., 1.77 chs. dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. $10^{\circ}19'$ E., 1.30 chs. dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. $1^{\circ}47'$ E., 1.68 chs. dist..
- The SW. cor. of a house, size 16 x 10 ft., bears N. $6^{\circ}19'$ W., 1.29 chs. dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. $10^{\circ}49'$ W., 1.74 chs. dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. 22° W., 1.39 chs. dist.
- The SW. cor. of a house, size 16 x 10 ft., bears N. 22° W., 1.35 chs. dist..
- The NE. cor. of a house, size 24 x 12 ft., bears N. $30^{\circ}45'$ W., 1.74 chs. dist.
- The NE. cor. of a house, size 15 x 12 ft., bears N. $30^{\circ}W.$, 2.39 chs. dist.
- The NE. cor. of a house, size 16 x 10 ft., bears N. 50° W., 1.70 chs. dist.
- The SE. cor. of a house, size 16 x 10 ft., bears N. 20° W., 5.30 chs. dist.
- The SE. cor. of the boarding house, size 18 x 32 ft., bears N. 13° W., 5.03 chs. dist.
- The SW. cor. of a concrete cellar, size 14 x 12 ft., bears N. 20° W., 5.67 chs. dist..

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains	
	The SE. cor. of the scale house, size 10 x 9 ft., bears N. $60^{\circ}10'$ W., 5.35 chs. dist.
	The door on a water tank, bears S. 75° E., 6.98 chs. dist.
	Thence ascend gradually along steep N. slope of high mountainous land, through dense juniper and pinon timber and undergrowth of oak, sage, serviceberry, and buck brush.
19.91	On a steep N. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for center E. 1/16 sec. cor. sec. 20, with brass cap marked
	$\begin{array}{c} \text{E } 1/16 \\ \hline \text{C} & \text{C} \\ \text{S20} \end{array}$
	1933
	from which
	A juniper, 9 ins. diam., bears N. $73^{\circ}45'$ E., 36 lks. dist., marked CE 1/16 S20 BT.
	A Douglas fir, 10 ins. diam., bears S. $70^{\circ}45'$ E., 45 lks. dist., marked CE 1/16 S20 BT..
36.55	Leave timber, bears N. and S.
39.30	Top of spur, projects N.; descend W. slope through dense juniper and pinon timber.
39.83	The center $\frac{1}{4}$ sec. cor. sec. 20.
52.20	Draw, 280 ft. below spur, drains N.; ascend abrupt E. slope through scattered timber.
59.73	On a steep E. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a mound of stone to top, for center W. 1/16 sec. cor. sec. 20, with brass cap marked
	$\begin{array}{c} \text{W } 1/16 \\ \hline \text{C} & \text{C} \\ \text{S20} \end{array}$
	1933
	from which
	A pinon, 6 ins. diam., bears S. $23^{\circ}30'$ E., 16 lks. dist., marked CW 1/16 S20 BT.
	A pinon, 5 ins. diam., bears N. 35° W., 2 lks. dist., marked CW 1/16 S20 BT..
62.00	Slope changes from an abrupt E. slope to an abrupt N. slope.
63.70	Spur, projects N.; descend W. slope.
75.70	Draw, drains N.; ascend E. slope.
79.64	The $\frac{1}{4}$ sec. cor. secs. 19 and 20, 710 ft. above the draw at the 52.20 chs. point.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

SATURDAY

Chains

- Land, broken and mountainous, with a general northerly exposure and drainage into Salina Creek.
- Soil, shallow clay and sand loam, mixed with rock; 3rd rate.
- Sand and limestone formation.
- Undergrowth, dense oak, sage, serviceberry, and buck brush.
- Timber, dense and scattered juniper and pinon on W. portion of mile.
- Fair grazing land.

SUBDIVISION OF THE NE $\frac{1}{4}$, SEC. 20, T. 22 S., R. 3 E.

- From the center E. 1/16 sec. cor. sec. 20.
- N. 0°42' W., on random line, on N. and S. center line of the NE $\frac{1}{4}$ sec. 20.
- 20.18 Set temp. NE. 1/16 sec. cor. sec. 20.
- 40.36 Intersect the E. 1/16 sec. cor. secs. 17 and 20, heretofore described.
- The course of this line therefore is, N. 0°42' W., and the distance is 40.36 chs.
-
- From the center N. 1/16 sec. cor. sec. 20.
- S. 89°37' E., on random line, on E. and W. center line of the NE $\frac{1}{4}$ sec. 20.
- 19.93 Fall 1 lk. S. of the temp. NE. 1/16 sec. cor. sec. 20.
- 39.87 Intersect the N. 1/16 sec. cor. secs. 20 and 21, heretofore described.
- The course of this line therefore is, N. 89°37' W., and the distance is 39.87 chs.
- Thence:
- From the center E. 1/16 sec. cor. sec. 20.
- N. 0°42' W., on true line, on N. and S. center line NE $\frac{1}{4}$ sec. 20.
- Descend abrupt N. slope of mountainous land, through dense undergrowth of oak, sage, serviceberry, and buck brush.
- 2.24 From this point, I take the following courses and distances to improvements.
- The NW. cor. of a frame house, size 8 x 12 ft., owner, J.W. Hansen, bears S. 62°30' E., 4.25 chs. dist.
- The NW. cor. of a wooden frame covered with a tent, size 8 x 12 ft. owner, Fred Christensen, bears S. 61°30' E., 3.51 chs. dist.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains	The NW. cor. of a frame house, owner, E.M. Westenskow, bears S. $60^{\circ}30'$ E., 2.30 chs. dist.
	The NW. cor. of a frame house, owner, Angus Peterson, bears S. $49^{\circ}30'$ E., 1.79 chs. dist.
	The NE. cor. of a frame house, owner, James Nelson, bears S. $46^{\circ}15'$ E., 1.70 chs. dist.
	The NW. cor. of a frame house, owner Alto Childs, bears S. $30^{\circ}30'$ E., 1.49 chs. dist.
	The NW. cor. of a frame house, owner, Merril Thompson, bears S. $4^{\circ}15'$ E., 1.01 chs. dist.
	The NW. cor. of a frame house, owner, W.L. Fordham, bears S. 53° W., 1.46 chs. dist.
4.00	Salina Creek in bottom of Salina Canyon, stream 15 lks. wide, 6 ins. deep, flows N. 80° W.; ascend broken S. slope through scattered juniper and pinon timber.
5.00	Center of tracks of the Denver and Rio Grande Western Railroad, bears N. 80° W. to Salina, Utah, and S. 80° E. to coal mine.
5.80	State Highway, bears N. 80° W. to Salina, Utah, and S. 80° E. to Emery, Utah.
6.80	Telephone line, bears N. 80° W. to Salina, Utah, and S. 80° E. to the Mountain Ranch Ranger Station.
.20.17	On abrupt S. slope, at base of ledge, 15 ft. high, bears E. and W. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the NE. 1/16 sec. cor. sec. 20, with brass cap marked NE 1/16 S20
	1933
	from which
	A juniper, 10 ins. diam., bears S. 11° W., 53 lks. dist., marked NE 1/16 S20 BT..
	A juniper, 5 ins. diam., bears N. 15° W., 35 lks. dist., marked NE 1/16 S20 BT.
25.35	Sandstone ledge, 100 ft. high, bears E. and W.
30.15	Spur, projects W.; descend abrupt N. slope.
40.36	The E. 1/16 sec. cor. secs. 17 and 20, 175 ft. below spur. Land, broken and mountainous, with a general northerly and southerly exposure and drainage. Soil, shallow clay and sand loam, mixed with rock; 3rd rate. Sandstone formation. Undergrowth, dense oak, sage, serviceberry, and buck brush. Timber, dense juniper and pinon. Fair grazing land.
	From the N. 1/16 sec. cor. secs. 20 and 21.
	N. $39^{\circ}37'$ W., on true line, on E. and W. center line of the NE $\frac{1}{4}$ sec. 20.
	Descend gradually along broken S. slope of mountainous land, through dense juniper and pinon timber and scattered undergrowth of oak, sage, serviceberry, and buck brush.
19.94	The NE. 1/16 sec. cor. sec. 20.
39.87	The center N. 1/16 sec. cor. sec. 20. Land, broken and mountainous, with a general southerly exposure and drainage. Soil, shallow clay and sand loam, mixed with rock; 3rd rate.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

Chains

- Undergrowth, scattered oak, sage, serviceberry, and buck brush.
- Timber, dense juniper and pinon.
- Fair grazing land.

SUBDIVISION OF THE NW $\frac{1}{4}$ SEC. 20, T. 22 S., R. 3 E.

From the center W. 1/16 sec. cor. sec. 30.

N. $0^{\circ}52'$ W., on random line on the N. and S. center line of the NW $\frac{1}{4}$ sec. 30:

- 20.20 Set temp. NW. 1/16 sec. cor. sec. 20.
- 40.41 Intersect the W. 1/16 sec. cor. secs. 17 and 20, heretofore described.
The course of this line therefore is, N. $0^{\circ}52'$ W., and the distance is 40.41 chs.

From the N. 1/16 sec. cor. secs. 19 and 20, heretofore described.

S. $89^{\circ}37'$ E., on random line, on E. and W. center line of the NW $\frac{1}{4}$ sec. 20.

- 19.94 Fall $\frac{1}{2}$ lk. N. of the temp. NW. 1/16 sec. cor. sec. 20.
- 33.83 Fall 1 lk. N. of the center N. 1/16 sec. cor. sec. 20.
The course of this line therefore is, N. $89^{\circ}37'$ W., and the distance is 33.83 chs.

Thence:

From the center W. 1/16 sec. cor. sec. 30.

N. $0^{\circ}52'$ W., on true line, on N. and S. center line of the NW $\frac{1}{4}$ sec. 20.

Descend gradually along broken E. slope of mountainous land, through dense undergrowth of oak, sage, serviceberry, and buck brush.

- 1.50 Slope changes from an abrupt E. slope to an abrupt N. slope; enter scattered fir and juniper timber, bears E. and W.
- 17.20 Salina Creek in bottom of Salina Canyon, stream, 15 lks. wide, 3 ins. deep, flows N. 60° W.; ascend abrupt broken SW. slope.
- 12.25 Center of the tracks of the Denver and Rio Grande Western Railroad, bears N. $32^{\circ}45'$ W. to Salina, Utah, and S. $62^{\circ}45'$ E. to coal mine.
- 20.20 On N. side of railroad.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the NW. 1/16 sec. cor. sec. 20, with brass cap marked

NW 1/16 S20

1933

from which

A pinon, 14 ins. diam., bears N. $89^{\circ}30'$ E., 162 lks. dist., marked NW 1/16 S20 BT.

N. S. BOUNDARY OF SECTION SURVEYS, MINEVIEW, MR. 3 E.

Chain

.8 from Appliance, 14 ins. diam., bears N. $23^{\circ}30'$ W., 162 lbs. dist., marked NW 1/16 S20 BT.

Continue on same line with continuous measurement.

19.60 State Highway, bears N. $62^{\circ}45'$ W. to Salina, Utah, and S. $62^{\circ}45'$ E. to Embry, Utah..

21.50 Telephone line, bears N. $62^{\circ}45'$ W. to Salina, Utah, and S. $62^{\circ}45'$ E. to the Mountain Ranch Ranger Station.

40.41 The W. 1/16 sec. cor. secs. 17 and 20.

Land, broken and mountainous, with a general northerly and southerly exposure and drainage.

Soil, shallow sand and clay loam, mixed with rock; 3rd rate.

Sandstone formation.

Undergrowth, dense oak, sage, serviceberry, and buck brush.

Timber, scattered fir and juniper.

Fair grazing land.

From the center N. 1/16 sec. cor. sec. 20.

N. $89^{\circ}37'$ W., on true line, on E. and W. center line of the NW $\frac{1}{4}$ sec. 20.

Descend gradually along ledgy S. slope of mountainous land, through dense juniper and piñon timber and scattered undergrowth of sage, oak, serviceberry, and buck brush.

6.30 Draw, 130 ft. below cor., drains S., 7.00 chs. dist. to Salina Creek; ascend E. slope.

8.78 From this point, the NE. cor. of a frame house, size 20 x 12 ft., bears S. $80^{\circ}30'$ W., 1.17 chs. dist., and the SE. cor. of a frame house, size 24 x 12 ft., bears W. 4 lks. dist. Owners names unknown.

10.90 Spur, 200 ft. above draw, projects SE., 5.00 chs. dist.; descend gradual SW. slope.

17.50 Telephone line, bears N. $62^{\circ}45'$ W. to Salina, Utah, and S. $62^{\circ}45'$ E. to the Mountain Ranch Ranger Station.

19.20 State Highway, bears N. $62^{\circ}45'$ W. to Salina, Utah, and S. $62^{\circ}45'$ E. to Emery, Utah.

19.95 The NW. 1/16 sec. cor. sec. 20.

21.48 Center of the tracks of the Denver and Rio Grande Western Railroad, bears N. $32^{\circ}45'$ W. to Salina, Utah, and S. $32^{\circ}45'$ E. to coal mine.

23.70 Salina Creek in bottom of Salina Canyon, 230 ft. below spur, drains N. 80° W.; ascend E. slope, through dense undergrowth of oak, sage, serviceberry, and buck brush.

25.70 Spur, 80 ft. above creek, projects N., 2.00 chs. dist. to end; descend W. slope.

30.90 Draw, 60 ft. below spur, drains N., 3.00 chs. dist. to Salina Creek; ascend along N. slope.

SUBDIVISION OF SECTION SURVEYS, T. 22 S., R. 3 E.

33-1000

Chains

- 33.90 Enter dense fir and juniper timber, bears N. and S.
- 39.89 The N. 1/16 sec. cor. secs. 19 and 20, 230 ft. above draw. Land, broken and mountainous, with a general northerly and southerly exposure and drainage into Salina Creek, which drains westerly..
- Soil, shallow clay and sand loam, mixed with rock; 3rd rate.
Sandstone formation.
- Undergrowth, scattered and dense oak, sage, serviceberry, and buck brush.
- Timber, dense juniper, pinon, and Douglas fir on portions of line.
- Fair grazing land.

ESTABLISHMENT OF A CORNER MONUMENT ON LINE BETWEEN SECS. 20 and 21, T. 22 S., R. 3 E., IN THE FIRST EAST ENTRY OF THE COAL MINE OF THE SEVIER VALLEY COAL COMPANY.

This survey was made under supplemental special instructions issued by the district cadastral engineer for Utah, dated September 12, 1937.

The survey was executed with Buff and Buff transit No. 8028, used by Ralph Gentry, U.S. Cadastral Engineer. In this survey, the lines were run by traverse methods, and carried forward by transit lines from a true meridian determined by hour angle observations made upon Polaris. In order to check the survey, a return survey was made, which was also checked upon the meridian determined by observations on Polaris.

In order to determine a meridian for the commencement of this survey, I proceeded as follows.

November 10, 1933; stationed at a point over a cross cut on an iron stake, 18 ins. long, $\frac{1}{2}$ in. diam., driven firmly in the ground, at a point N. $4^{\circ}14'$ E., 61.69 ft. dist. from the entrance to the manway to the coal mine of the Sevier Valley Coal Company, in approximate latitude $38^{\circ}53'$ N., longitude $111^{\circ}44'$ W.; at 5h 12m 33s p.m. by my watch, which is 26m 53s fast of local mean time, I make an hour angle observation of Polaris, East of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a cross on an iron stake driven firmly in the ground about 550 ft. N. of my station, in the direction East to Polaris.

Watch time of observation	5h 12m 33s p.m.
Mean horizontal angle from Polaris to stake	$1^{\circ}21' \text{ W.}$
Azimuth of Polaris	$1^{\circ}21' \text{ W.}$
True bearing of stake	North

MEASUREMENTS.

The measurements were made with a Lufkin steep tape, 200 ft. in length, graduated to feet, tenths, and hundredths, in its entire length. The tape was tested by the U.S. Bureau of Standards and found correct. The measurements were made on the slope, the vertical angle determined with the transit and the slope measurements properly reduced to true horizontal distances, which appear in these notes.

From the $\frac{1}{4}$ sec. cor. of secs. 20 and 21, heretofore described, which has a bearing of N. $0^{\circ}38'$ W., from the cor. of secs. 20, 21, 28, and 29; thence on traverse line through the workings of the coal mine of the Sevier Valley Coal Mine, to determine a position for a cor. monument on line bet. secs. 21 and 28, in the first east entry of said mine.

20 21

N. $88^{\circ}41'$ W., 223.31 ft.

S. $59^{\circ}01'$ W., 244.10 ft. At end of course, the cross on iron stake at the S. end of the Polaris meridian.

S. $4^{\circ}14'$ W., 61.69 ft. At end of course, the entrance to the manway of coal mine.

S. $16^{\circ}19'$ E., 55.05 ft.

S. $10^{\circ}42'$ E., 56.13 ft.

S. $11^{\circ}05'$ E., 167.78 ft.

S. $10^{\circ}22'$ E., 110.43 ft. At end of course, the foot of manway to coal mine.

N. $1^{\circ}28'$ W., 49.52 ft. To Company station, No. 1466.

N. $35^{\circ}44'$ E., 59.71 ft.

N. $4^{\circ}48'$ W., 49.66 ft.

N. $36^{\circ}39'$ E., 62.27 ft. At end of course, the "Y" in haulage tracks of coal mine.

S. $47^{\circ}17'$ E., 47.00 ft. To Company station No. 1463.

S. $6^{\circ}40'$ E., 68.61 ft.

S. $71^{\circ}42'$ E., 61.46 ft.

S. $3^{\circ}28'$ E., 111.18 ft.

N S. $87^{\circ}17'$ E., 172.72 ft. At end of course, is point in the first east entry of the coal mine of the Sevier Valley Coal Company, which is S. $0^{\circ}38'$ W., 611.93 ft. (8.272 chs.) from the $\frac{1}{4}$ sec. cor. secs. 20 and 21.

At this point, in the roof of the entry.

Set an iron post, 15 ins. long, 1 in. diam., 14 ins. in a hole drilled in the solid rock, with brass cap marked

S20 S21

1933

GENERAL DESCRIPTION, T. 22 S., R. 3 E.

The land within the boundaries of this township, is high and mountainous, and has a general northerly and southerly exposure and drainage into Salina Creek in bottom of Salina Canyon, which drains westerly through the central portion of the township. It is at an elevation of about 7000 feet above sea level, and is cut by numerous gulches, draws, ravines, and canyons, which all drain towards Salina Creek. The township consists of a limestone, sandstone, and volcanic formation. The soil in the bottom lands of the wide canyons, swales, and draws, consists of a deep, loose clay and sand loam, and may be classified as 2nd rate, while that on the slopes of the spurs and ridges, consists of a shallow clay and sand loam, mixed with rock, and may be classified as 3rd rate. The soil in the bottom lands of the wide swales, canyons, and draws, is from 1 to 30 ft. deep, and is underlaid with sandstone bedrock.

GENERAL DESCRIPTION, T. 22 S., R. 3 E.

This soil consists of the sediment that is washed down by the storms from the steep slopes of the mountains, and is very fertile.

The timber consists of a scattered and dense growth of scrub juniper and pinon, which is found mostly on the south slopes, while on the steep north slopes, scattered clumps of balsam and Douglas fir timber is found. None of the timber has any commercial value except for fencing and fire wood.

An undergrowth of oak, sage, serviceberry, and buck brush is found throughout the township, and on the steep North slopes, it is from 5 to 15 feet high. Clumps of dense aspen, maple and chokecherry is also found on the steep N. slopes of the high ridges and spurs.

The township in general has a good supply of water, the largest of which is Salina Creek. This creek is a stream, about 15 links wide, and 6 ins. deep, and enters the township on the north boundary of sec. 2, and flows in a southerly direction to the SE $\frac{1}{4}$ of section 22, where it turns and flows in a westerly direction, leaving the township on the west boundary of section 18. Yogo Creek, which is a small stream about 5 lks. wide, 3 ins. deep, enters the township on the south boundary of section 35, and flows in a northerly direction to its junction with Salina Creek in the SE $\frac{1}{4}$ section 22. Mioche Creek, which is a small stream about 5 lks. wide, 3 ins. deep, enters the township on the south boundary of section 33, and flows in a northerly direction to its junction with Salina Creek in the NE $\frac{1}{4}$ section 21. A small stream, 5 lks. wide, 2 ins. deep, in bottom of Water Hollow, enters the township on the north boundary of sec. 5, and flows in a southwesterly direction through the NW. portion of section 5, the SE. portion of section 6, and the NW $\frac{1}{4}$ of section 7. Beaver Creek, a stream about 4 lks. wide, 2 ins. deep, enters the township on the east portion of the north boundary of section 6, and flows in a southerly direction about 40.00 chs. dist. to its junction with Water Hollow. Small seeps of good water were found along the bottom of a deep wash which enters the township on the north boundary of section 3, and drains in a southerly direction to its junction with Salina Creek in the NE $\frac{1}{4}$ of section 21. A small stream, 2 lks. wide, 3 ins. deep, in bottom of an open draw, is located in the SW $\frac{1}{4}$, SW $\frac{1}{4}$, sec. 6 and NW $\frac{1}{4}$, NW $\frac{1}{4}$ sec. 7. Skumpah Canyon, enters the township on the east boundary of section 13, and drains in a westerly direction, about 55.00 chs. dist. to its junction with Salina Creek. A small stream 5 lks. wide, 2 ins. deep, heads in this canyon, at a point about 15.00 chs. west of the east boundary of the township, and flows along the bottom of the canyon to its junction with Salina Creek. A small stream, 3 lks. wide, 2 ins. deep, heads in the NW $\frac{1}{4}$, NE $\frac{1}{4}$ section 26, and flows in a westerly direction to its junction with Yogo Creek, in the NE $\frac{1}{4}$, NE $\frac{1}{4}$, section 3. A small spring at which is located a watering trough, is located in the SE $\frac{1}{4}$ of section 31. A small spring is located in the SW $\frac{1}{4}$, SW $\frac{1}{4}$, section 7, and also in NE $\frac{1}{4}$, NE $\frac{1}{4}$ sec. The only improved road in the township, is the State Highway from Salina, Utah. to the W. and Emery, Utah, to the E. This highway enters the township on the W. boundary of section 18, and bears in an easterly direction to a point in the SE $\frac{1}{4}$ section 22, where it turns and bears in a southerly direction, leaving the township on the south boundary of section 35. In the east portion of the township, numerous other unimproved roads, bear in an easterly, northerly and southerly directions from this highway.

Approximately two-thirds of this township, is privately owned, and the remainder is within the boundaries of the Fish Lake National Forest.

GENERAL DESCRIPTION, T. 22 S., R. 3 E.

The Manti Livestock Company, has a large improved ranch which is located mostly in sections 27, 28, 33, and 34, and the south halves of sections 21 and 22. The buildings at this ranch are located in the $\frac{1}{2}$ SE $\frac{1}{4}$ section 28 and N $\frac{1}{2}$ NE $\frac{1}{4}$ section 33. This ranch is irrigated from a portion of the water in Nioche Creek.

The Sevier Valley Coal Company has a coal mine, the shaft of which is located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ section 20. At the time of this survey, this mine was producing approximately 600 tons of coal per week. The surface buildings and improvements of this company, are located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ and the NE $\frac{1}{4}$ SE $\frac{1}{4}$ section 20. The underground workings of the company, are mostly located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ section 21. Eight coal prospect tunnels and two log cabins are located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ section 7, and NW $\frac{1}{4}$ NW $\frac{1}{4}$ section 18.

B. E. Madsen has a large improved dry farm which is mostly located in the east half of section 9, and a part of section 10. The buildings of this ranch are located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ section 10.

The Mountain Ranch Ranger Station is located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ section 15.

A large earth and rock dam across Salina Creek, is located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ section 21.

An abandoned coal mine and several buildings, are located in the NE $\frac{1}{4}$ section 21.

Eight small frame houses, the owners of which are named in these field notes, are located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ section 20. Two frame houses are located in the E $\frac{1}{2}$ NW $\frac{1}{4}$ section 20.

The Denver and Rio Grande Railroad, enters the township in section 18, and bears in an easterly direction to its terminal in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ section 21.

A telephone line enters the township from Salina, Utah on the W. boundary of section 16, and bears in an easterly direction to the Mountain Ranch Ranger Station.

No portion of the township that is not under private control, is suitable for farming.

The portion of the township that is within the boundaries of the forest reserve, is covered with a good growth of grass, browse, and weeds, which affords good grazing for stock. This portion of the township is suitable only for a summer grazing range and is being used for this purpose under the supervision of the Forest Service.

The only surface indications of coal found in this township were along the sides of Coal Hollow, in the SW $\frac{1}{4}$ section 7 and the NW $\frac{1}{4}$ section 18.

From indications found in the coal mine of the Sevier Valley Coal Company, it appears that the greater portion of the central west part of the township is underlaid with a vein of bituminous coal of a good quality.

No other indications of mineral, oil, coal, or oil shale were found in the township.

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BOOK A-512

4-680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Sidney Reese	Chainman
Orval Clark	Chainman
Roger Kirkpatrick	Chainman
Philander Maxwell	Chainman
Kenneth Vincent	Chainman
Myron Sutton	Flagman
Bert Madsen	Flagman
Max W. Powelson	Flagman
Don Dunn	Cornerman
Richard E. Severn	Cornerman
Bert Swain	Cornerman
Robert E. Chappell	Axman
S. DeVerel Nicholes	Axman
Reed Overton	Axman
Edward Barrett	Axman
Fred L. Gadd	Axman
William A. Stanley	Axman
Paul R. Strebler	Cornerman
Val Wicks	Cornerman
J. Kenneth Flygar	Axman

CERTIFICATE OF UNITED STATES SURVEYOR

We, Ralph Gentry, and Andrew Nelson, U. S. Surveyors, hereby certify upon honor that, in pursuance supplemental of special instructions received from the District Cadastral Engineer for Utah May 16, 1933, and September 12, 1933, we have well, faithfully, and truly bearing date of the day of 1933, in our own proper persons, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the dependent resurvey of the boundaries and subdivision; subdivision of section surveys in sections 20, 21, 28, and 29, and establishment of a corner monument on line between sections 20 and 21 in the first east entry of the coal mine of the Sevier Valley Coal Company, T. 22 S., R. 3 E. of the Salt Lake

Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by us, and under our direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah.
June 13, 1935.

Ralph Gentry
U.S. Cadastral Engineer, U.S. Surveyor
Andrew Nelson
U.S. Cadastral Engineer

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado. JUN 17 1935

The foregoing field notes of the survey of the dependent resurvey of the boundaries and subdivision; subdivision of section surveys in sections 20, 21, 28, and 29, and establishment of a corner monument on line between sections 20 and 21, in the first east entry of the coal mine of the Sevier Valley Coal Company, T. 22 S., R. 3 E.

Ralph Gentry, U.S. Cadastral Engineer, and executed by Andrew Nelson, U.S. Cadastral Engineer

supplemental under their special instructions dated May 16, 1933 and September 12, 1933, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 22 S., R. 3 E., Utah, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.

REVIEW NOTES

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BOOK A-512

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FIELD NOTES

OF THE SURVEY OF THE

RETRACEMENT AND RESURVEY OF PORTIONS OF THE NORTH AND SOUTH BOUNDARIES,
AND SUBDIVISION OF,

T. 22 S., R. 2 E.

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Ralph Gentry

and

Andrew Nelson

Cadastral Engineers

In the capacity of U. S. Surveyor, under Special Instructions dated May 16, 1933, issued by the District Cadastral Engineer to govern surveys included in Group

No. 247, which were approved by the Commissioner of the General Land

Office, June 13, 1933, and Assignment Instructions dated October 13, 1933, and Supplemental Assignment Instructions dated July 15, 1933.

Survey commenced August 10, 1933.

Survey completed November 4, 1933.

B-512

INDEX DIAGRAM.

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21	26	28	24	25	23	2	
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T. 22 S., R. 2 E.

Chains

The retracement and resurvey of a portion of the north and south boundaries, and a portion of the subdivision of T. 22 S., R. 2 E., Salt Lake Meridian, Utah, was made in conjunction with the resurvey of T. 22 S., R. 3 E. The survey was executed with Buff and Buff transits No. 8028, used by Ralph Gentry, U. S. Cadastral Engineer, and No. 9978, used by Andrew Nelson, U. S. Cadastral Engineer. The instruments were approved for use on this survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in supplemental assignment instructions dated July 15, 1933, issued to Ralph Gentry, and assignment instructions dated October 13, 1933, issued to Andrew Nelson. For full description and tests of these instruments, and the methods used in projecting the lines of the survey, see those given in the official record of the field notes of T. 22 S., R. 3 E., of this group.

MEASUREMENTS.

Unless otherwise specified all measurements are made with Lallie steel tape 5 and 8 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined with improved clinometers in good adjustment, and the slope measurements properly reduced to true horizontal distances.

RETRACEMENT OF A PORTION SOUTH BOUNDARY, T. 22 S., R. 2 E.

From the cor. of Tps. 22 and 23 S., Rs. 2 and 3 E., which is an iron post, 3 ins. dia., firmly set, and marked and witnessed as described in the official record of the survey of T. 22 S., R. 3 E.

West, on retracement line along the S. bdy. of sec. 36, T. 22 S., R. 2 E.

39.45 Fall 30 lks. S. of the $\frac{1}{4}$ sec. cor. sec. 1, T. 23 S., R. 2 E., which is a sandstone, 8x8x6 ins. above ground, firmly set, and marked and witnessed as described in the official record of the survey of T. 22 S., R. 2 E.

39.70 Fall 30 lks. S. of the $\frac{1}{4}$ sec. cor. sec. 36, T. 22 S., R. 2 E., which is a sandstone, 10x10x5 ins., firmly set, and marked and witnessed as described in the official record of the survey of T. 22 S., R. 2 E.

The course of this half mile therefore is N. $89^{\circ}34'$ W., and the distance is 39.70 chs.

From the $\frac{1}{4}$ sec. cor.

West, with continuous measurement.

79.30 Fall 45 lks. S. of the cor. of secs. 1 and 2, T. 23 S., R. 2 E., which is a sandstone 9x8x6 ins. above ground, firmly set, and marked and witnessed as described in the official record of the survey of T. 22 S., R. 2 E.

79.81 Fall 45 lks. S. of the cor. of secs. 35 and 36, T. 22 S., R. 2 E., which is a sandstone 16x9x6 ins., firmly set, and marked, and witnessed as described in the official record of the survey of T. 22 S., R. 2 E.

The course of this half mile therefore is, N. $89^{\circ}21'$ W., and the distance is 40.11 chs.

RETRACEMENT OF A PORTION NORTH BOUNDARY, T. 22 S., R. 2 E.

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| Chains | From the cor. of Tps. 21 and 22 S., Rs. 2 and 3 E., which is an iron post, 3 ins. diam., firmly set, and marked, and witnessed as described in the official record of the survey of T. 22 S., R. 2 E. |
| | West, on a retracement line bet. secs. 1 and 36. |
| 40.07 | Fall 13 lks. S. of the $\frac{1}{4}$ sec. cor. secs. 1 and 36, which is a limestone, 15x7x3 ins., firmly set, and marked, and witnessed as described in the official record of the survey of T. 22 S., R. 2 E. |
| | The course of this half mile therefore is, N. 89° 49' W., and the distance is 40.07 chs. |
| | From the $\frac{1}{4}$ sec. cor. |
| | West, with continuous measurement. |
| 78.58 | Fall 6 lks. N. of the cor. of secs. 1, 2, 35, and 36, which is a sandstone, 17x7x6 ins., firmly set, and marked, and witnessed as described in the official record of the survey of T. 22 S., R. 2 E. |
| | The course of this half mile therefore is, S. 89° 55' W., and the distance is 38.51 chs. |
-

RETRACEMENT OF A PORTION SUBDIVISION, T. 22 S., R. 2 E.

From the cor. of secs. 35 and 36, on the S. bdy. of the township.

North, on retracement line bet. secs. 35 and 36.

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|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 39.91 | Fall 107 lks. W. of the $\frac{1}{4}$ sec. cor. secs. 35 and 36, which is a sandstone, 15x9x4 ins., firmly set, and marked, and witnessed as described in the official record. |
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The course of this half mile therefore is, N. 1° 32' E., and the distance is 39.92 chs.

From this cor., the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36 on the E. bdy. of the township, established by Schoeber and Nissen, U. S. Deputy Surveyors in 1907, described in the field notes of the survey of T. 22 S., R. 3 E., this group bears S. 89° 04' E.

From the $\frac{1}{4}$ sec. cor. secs. 35 and 36.

North, with continuous measurement.

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| 81.06 | Fall 89 lks. E. of the cor. of secs. 25, 26, 35, and 36, which is a sandstone, 16x9x6 ins., firmly set, and marked, and witnessed as described in the official record of the survey of T. 22 S., R. 2 E. |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

The course of this half mile therefore is, N. 1° 14' W., and the distance is 41.16 chs.

East, bet. secs. 25 and 36.

RETRACIMENT OF A PORTION NORTH BOUNDARY, T. 22 S., R. 2 E.

Chains	
39.97	Fall 36 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 25 and 36, which is a sandstone, 20 x 7 x 4 ins., firmly set, and marked and witnessed as described in the official record of the survey of T. 22 S., R. 2 E.
	The course of this half mile therefore is, S. $89^{\circ}29'$ E., and the distance is 39.97 chs.
	From the $\frac{1}{4}$ sec. cor.
	East, with continuous measurement.
77.92	Intersect the resurvey of the W. bdy. of T. 22 S., R. 3 E.
79.51	Fall 24 lks. N., the true point for the cor. of secs. 25 30, 31, and 36, which is south, 4.00 chs. dist. from the witness cor. to the cor. of said secs. This cor. was set by Schoeber and Nissen, U. S. Deputy Surveyors, in their survey of T. 22 S., R. 2 E., in 1907, and which was changed to a witness point as shown in the official record of the survey of T. 22 S., R. 3 E.
	The course of this line therefore is, S. $89^{\circ}30'$ E., and the distance is 37.95 chs. to the resurvey W. bdy. of T. 22 S., R. 3 E.
	From the cor. of secs. 25, 26, 35, and 36.
	North, bet. secs. 25 and 26.
39.53	Fall 8 lks. W. of the $\frac{1}{4}$ sec. cor. secs. 25 and 26, which is a sandstone, 20 x 9 x 5 ins., firmly set, and marked, and witnessed as described in the official record.
	The course of this half mile therefore is, N. $0^{\circ}07'$ E., and the distance is 39.53 chs.
	From this cor., the restored point for the $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30 on the E. bdy. of the township as surveyed by Schoeber & Nissen, U. S. Deputy Surveyors, in 1907, and described in the field notes of the resurvey of T. 22 S., R. 3 E., this group, bears S. $89^{\circ}59'$ E.
	From the $\frac{1}{4}$ sec. cor. secs. 25 and 26.
	North, with continuous measurement.
79.93	Fall 6 lks. W. of the cor. of secs. 23, 24, 25, and 26, which is a sandstone, 15 x 10 x 4 ins., firmly set, and marked and witnessed as described in the official record.
	The course of this half mile therefore is, N. $0^{\circ}03'$ E., and the distance is 40.40 chs.
	From the $\frac{1}{4}$ sec. cor. secs. 24 and 25.
39.30	Fall 38 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 24 and 25, which is a sandstone, 15 x 7 x 5 ins., firmly set, and marked, and witnessed as described in the official record.
	The course of this half mile therefore is, S. $89^{\circ}27'$ E., and the distance is 39.30 chs.
	From the $\frac{1}{4}$ sec. cor.

~~RETRACEMENT OF A PORTION SUBDIVISION, T. 22 S., R. 3 E.~~

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| Chains | East, with continuous measurement. |
| 76.05 | Intersect the resurvey W. bdy. of T. 22 S., R. 3 E. |
| 79.62 | Fall 15 lks. N., the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the township as surveyed by Schoeber and Nissen, U. S. Deputy Surveyors, in 1907, and which was changed to a witness point as described in the official record of the survey of T. 22 S., R. 3 E.
The course of this line therefore is, S. $89^{\circ}47'$ E., and the distance is 36.75 chs. to the resurvey W. bdy. of T. 22 S., R. 3 E. |
| <hr/> | |
| | From the cor. of secs. 23, 24, 25, and 26. |
| | North, bet. secs. 23 and 24. |
| 39.73 | Fall 1 lk. E. of the $\frac{1}{4}$ sec. cor. secs. 23 and 24, which is a sandstone 20 x 9 x 4 ins., firmly set, and marked, and witnessed as described in the official record.
The course of this line therefore is, N. $0^{\circ}01'$ W., and the distance is 39.73 chs.
From this cor., the restored point for the $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24 on the E. bdy. of the township of the Schoeber and Nissen 1907 survey, bears $S.89^{\circ}37'$ E., |
| | From the $\frac{1}{4}$ sec. cor. secs. 23 and 24. |
| | North, with continuous measurement. |
| 79.67 | Fall $3\frac{1}{2}$ lks. W. of the cor. of secs. 13, 14, 23, and 24, which is a sandstone, 20 x 6 x 5 ins., firmly set, and marked and witnessed as described in the official record.
The course of this half mile therefore is, N. $0^{\circ}03'$ E., and the distance is 39.94 chs. |
| <hr/> | |
| | East, bet. secs. 13 and 24. |
| 39.76 | Fall 38 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 13 and 24, which is a sandstone, 24 x 7 x 4 ins., firmly set, and marked, and witnessed as described in the official record.
The course of this half mile therefore is, S. $89^{\circ}27'$ E., and the distance is 39.76. |
| | From the $\frac{1}{4}$ sec. cor. |
| | East, with continuous measurement. |
| 74.31 | Intersect the resurvey W. bdy. of T. 22 S., R. 3 E. |
| 79.62 | Fall 44 lks. N. of the cor. of secs. 13, 18, 19, and 24, set by Schoeber and Nissen, U. S. Deputy Surveyors, in their survey of T. 22 S., R. 2 E., in 1907, and which was changed to a witness point as described in the official record of the resurvey of T. 22 S., R. 3 E.
The course of this line therefore is, S. $89^{\circ}22'$ E., and the distance is 34.55 chs. to the resurvey W. bdy. of T. 22 S., R. 3 E. |

RETRACEMENT OF A PORTION SUBDIVISION, T. 22 S., R. 2 E.

Chains

From the cor. of secs. 13, 14, 23, and 24.

North, bet. secs. 13 and 14.

39.91 Fall 1 lk. E. of the $\frac{1}{4}$ sec. cor. secs. 13 and 14, which is a sandstone, 20 x 7 x 6 ins., firmly set, and marked and witnessed as described in the official record.

The course of this half mile therefore is, N. $0^{\circ}01'$ W., and the distance is 39.91 chs.

From this cor., the true point for the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18 on the E. bdy. of the township as surveyed by Schoeber and Nissen in 1907, bears N. $89^{\circ}37'$ E.

From the $\frac{1}{4}$ sec. cor. secs. 13 and 14.

North, with continuous measurement.

80.04 Fall 8 lks. W. of the cor. of secs. 11, 12, 13, and 14, which is a sandstone, 18 x 7 x 6 ins., firmly set, and marked, and witnessed as described in the official record.

The course of this half mile therefore is, N. $0^{\circ}07'$ E., and the distance is 40.13 chs.

East, bet. secs. 12 and 13.

39.72 Fall 35 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 12 and 13, which is a point on a sandstone ledge, marked X $\frac{1}{4}$.

The course of this half mile therefore is, S. $89^{\circ}30'$ E., and the distance is 39.72 chs.

From the $\frac{1}{4}$ sec. cor.

East, with continuous measurement.

72.49 Intersect the resurvey W. bdy. of T. 22 S., R. 3 E.

The course of this line therefore is, N. $89^{\circ}57'$ E., and the distance is 32.77 chs.

78.52 Fall 3 $\frac{1}{2}$ lks. S. of the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the township, set by Schoeber and Nissen, U. S. Deputy Surveyors, in their survey of T. 22 S., R. 2 E., in 1907, and which was changed to a witness point as described in the official record of the resurvey of T. 22 S., R. 3 E.

From the cor. of secs. 11, 12, 13, and 14.

North, bet. secs. 11 and 12.

40.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 11 and 12.

Continue on same line with continuous measurement.

79.42 Fall 12 lks. W. of the cor. of secs. 1, 2, 11, and 12, which is a sandstone, 18 x 7 x 7 ins., firmly set, and marked, and witnessed as described in the official record.

The course of this mile therefore is, N. $0^{\circ}05'$ E., and the proportionate distance for each half mile is 39.71 chs.

RETRACEMENT OF A PORTION SUBDIVISION, T. 28 S., R. 2 E.

Thence

Thence:

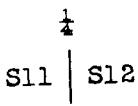
From the cor. of secs. 11, 12, 13, and 14.

N. 0°05' E., on true line, bet. secs. 11 and 12.

39.71

Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



1933

from which

A red cedar, 5 ins. diam., bears N. 42°E., 59 lks. dist., marked $\frac{1}{4}$ S12 BT.

A red cedar, 5 ins. diam., bears N. 84°W., 21 lks. dist., marked $\frac{1}{4}$ S11 BT.

From this cor., the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12 on the E. bdy. of the township, as surveyed by Schoeber and Nissen in 1907, bears S. 89°38' E.

From the $\frac{1}{4}$ sec. cor. secs. 11 and 12.

N. 0°05' E., with continuous measurement.

79.42 The cor. of secs. 1, 2, 11, and 12.

East, bet. secs. 1 and 12.

39.53 Fall 31 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 1 and 12, which is a sandstone, 18 x 11 x 6 ins., firmly set, and marked, and witnessed as described in the official record.

The course of this half mile therefore is, S. 89°33' E., and the distance is 39.53 chs.

From the $\frac{1}{4}$ sec. cor.

East, with continuous measurement.

72.16 Intersect the resurvey W. bdy. of T. 22 S., R. 3 E.

78.51 Fall 36 lks. N. of the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the township, set by Schoeber and Nissen, U. S. Deputy Surveyors, in their survey of T. 22 S., R. 2 E., in 1907, and which was changed to a witness point as described in the official record of the survey of T. 22 S., R. 3 E.

The course of this line therefore is, S. 89°29' E., and the distance is 32.63 chs.

From the cor. of secs. 1, 2, 11, and 12.

North, bet. secs. 1 and 2.

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RETRACEMENT OF A PORTION SUBDIVISION, T. 22 S., R. 2 E.

Chains

59.79 Fall 37 lks. E. of the $\frac{1}{4}$ sec. cor. secs. 1 and 2, which is a sandstone, 18 x 10 x 6 ins., firmly set, and marked, and witnessed as described in the official record of the survey of T. 22 S., R. 2 E.

The course of this half mile therefore is, N. $0^{\circ}32'$ W., and the distance is 39.79 chs.

From this cor., the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6 on the E. bdy. of the township as surveyed by Schoeber and Nissen, in 1907, bears S. $89^{\circ}23'$ E.

From the $\frac{1}{4}$ sec. cor. secs. 1 and 2.

North, with continuous measurement.

67.77 Fall 44 lks. E. of the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the township heretofore described.

The course of this half mile therefore is, N. $0^{\circ}54'$ W. and the distance is 27.98 chs.

Note: There is no change in the topography of these lines; for description of same see survey of T. 22 S., R. 2 E.

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Serials

18.46

BOOK A-512

4-680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Sidney Reese	Chairman
Arvil Clark	Chairman
Philander Maxwell	Chairman
Kenneth Vincent	Chairman
Bert Madsen	Flagman
Max W. Powelson	Flagman
Richard E. Severn	Cornerman
Paul R. Strebler	Cornerman
Val Hicks	Cornerman
Robert E. Chappell	Axman
Fred L. Gadd	Axman
J. Kenneth Flygare	Axman

CERTIFICATE OF UNITED STATES SURVEYOR

We, Ralph Gentry, and Andrew Nelson, Cadastral Engineers, U. S. Surveyor, hereby certify upon honor that, in pursuance of supplemental instructions received from the District Cadastral Engineer for Utah, we have well, faithfully, and truly bearing date of the 16th day of May, 1933, retraced and resurveyed all those parts or portions of retraceable and resurveyable boundaries, and subdivision, of T. 22 S., R. 2 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by us, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah.
June 13, 1935.

Ralph Gentry
U.S. Cadastral Engineer U.S. Surveyor.
Andrew Nelson
U.S. Cadastral Engineer.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado. JUN 17 1935
and resurvey

The foregoing field notes of the survey of retraceable and resurveyable boundaries, and subdivision, of T. 22 S., R. 2 E., Salt Lake Meridian, Utah,

executed by Ralph Gentry, U.S. Cadastral Engineer, and Andrew Nelson, U.S. Cadastral Engineer, their supplemental instructions dated May 16, 1933, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


M. L. Johnson
U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in T. 22 S., R. 2 E., Utah, has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.